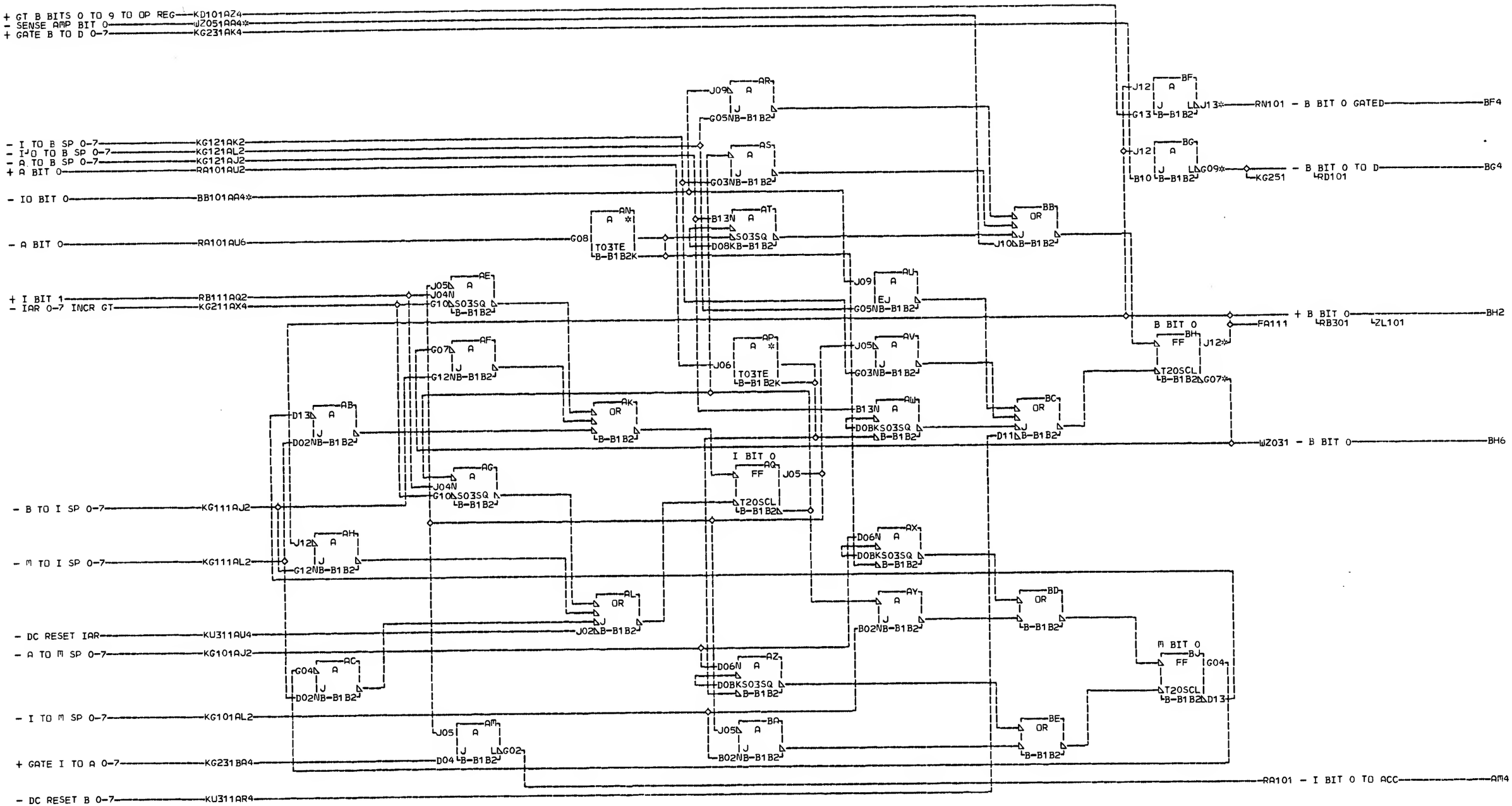

R
B
1
0
1

000

BB101AA4	01B-A1N4B03	01B-C1A2D03	
RESISTOR	BH2 B-B1M3B02	01D-B1A1E09	
B-B1B2J09	RESISTOR	01D-B1B1A09	
WZ051AA4	B-B1B2J12	01D-A1A1E09	
RESISTOR	BH6 B-B1B1A09	01D-A1B1A09	
B-B1B2J10	01B-B1A1E09	01E-B1A1E09	
BF4 B-B1A2B09	01B-C1A1E09	01E-B1B1A09	
01B-A1N2B09	01B-C1B1A09	01E-A1A1E09	
BG4 B-B1A4B03	01B-C1A2D02	01E-A1B1A09	

LOC. TYPE
B-B1B2 4619

I B AND M REGISTERS
BIT 0

-E.C.-HISTORY-	MACH.1131-B	R
419631		B
	FRAME 01	1
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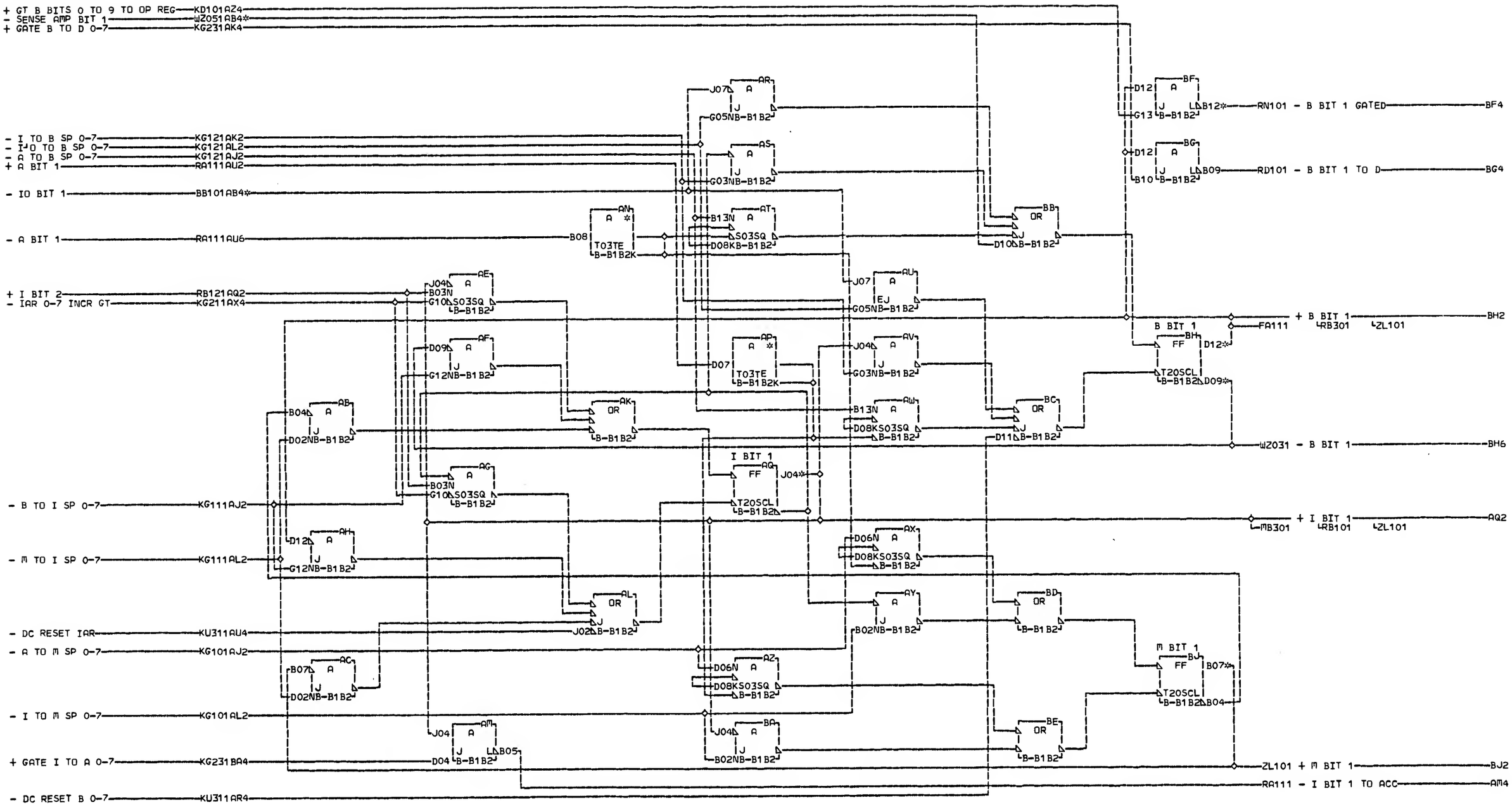
	IBM CORP. GPD	1
DATE LAST EC		000
11-11-66 419644	P.N. 2231160	



R B 1 1 1

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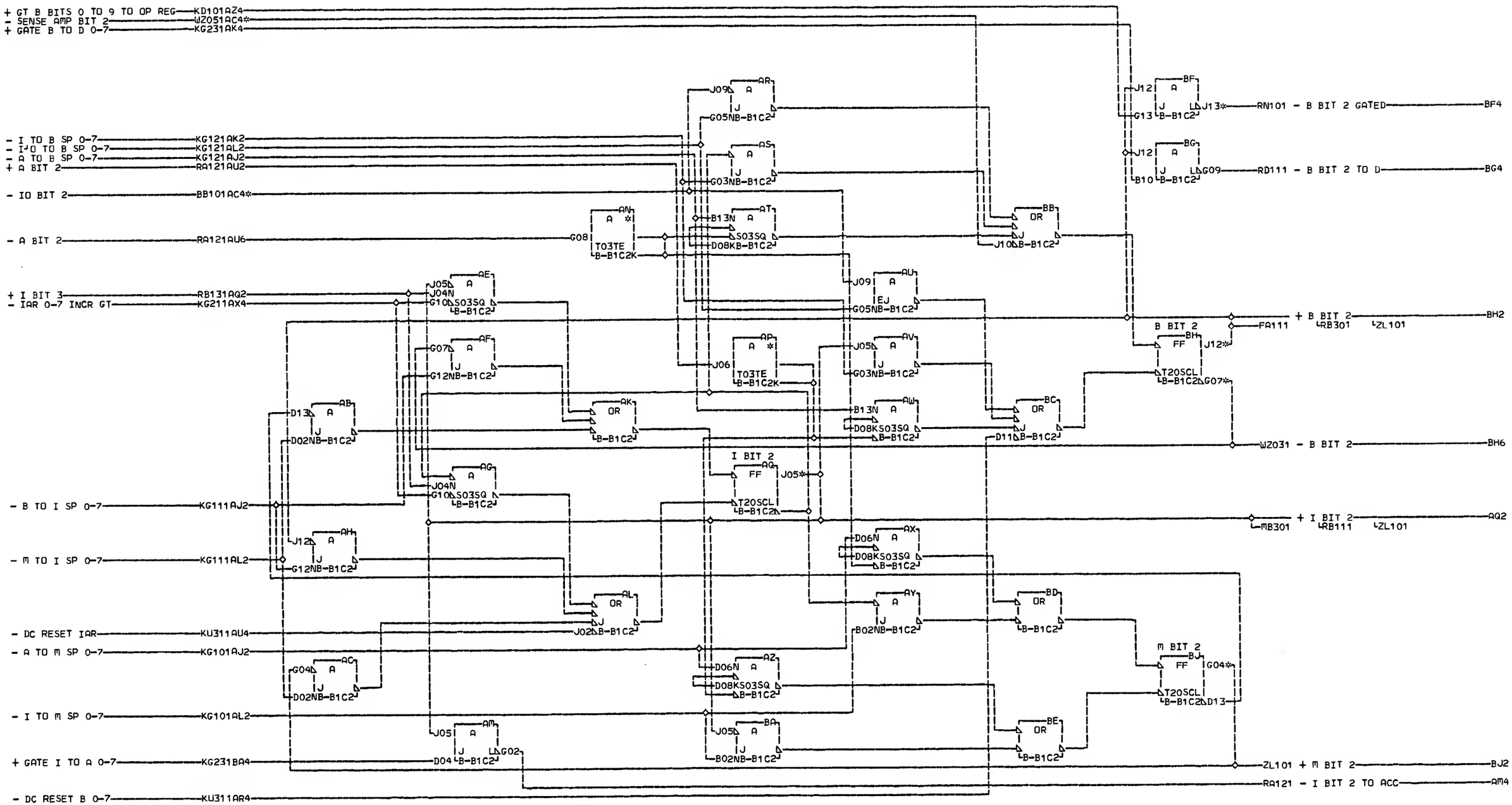
BB101AB4	BF4	B-B1A2B10	01D-A1B1B09	
RESISTOR	01	B-A1N2B10	01E-B1B1B09	
B-B1B2J07	BH2	B-B1M3D02	01E-A1B1B09	
WZ051AB4		RESISTOR	BJ2	B-B1N4B13
RESISTOR		B-B1B2D12		
B-B1B2D10	BH6	B-B1B1B09		
AQ2 B-B1N4D13		01B-C1B1B09		
01B-B1N1A09		01B-C1A2D04		
01B-C1N1A09		01D-B1B1B09		

LOC. TYPE
B-B1B2 4619

I B AND M REGISTERS
BIT 1

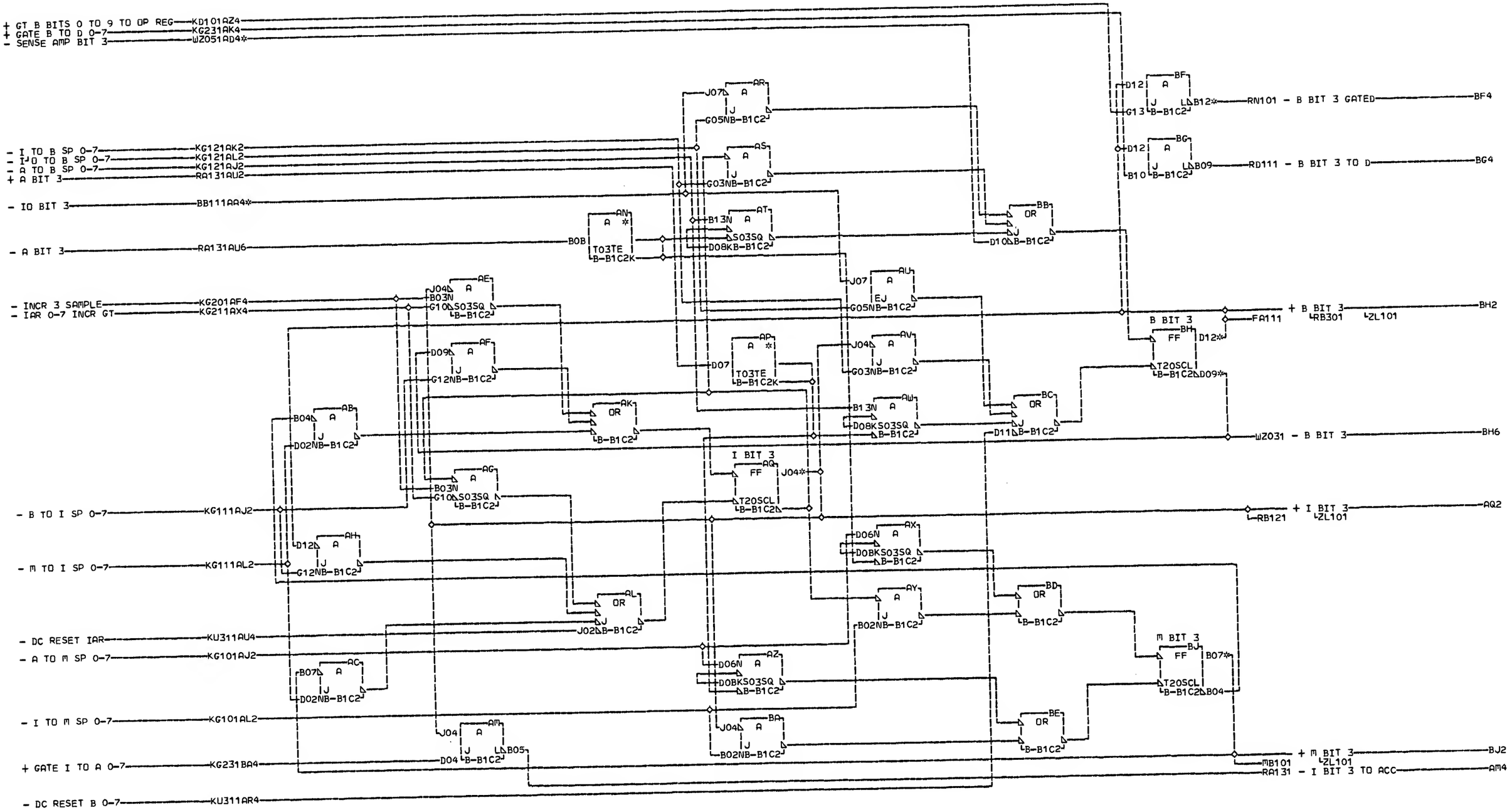
—E.C.—HISTORY—	MACH.1131-B	R
419631		B
	FRAME 01	1
	IBM CORP. GPD	1
DATE LAST EC	P.N. 2231161	000
11-11-66 419644		



BB101AC4	BF4 B-B1A2B11	01D-A1B1C09		
RESISTOR	01B-A1N2B11	01E-B1B1C09		
B-B1C2J09	BH2 B-B1M3B03	01E-A1B1C09		
WZ051AC4	RESISTOR	BJ2 B-B1M2B02		
RESISTOR	B-B1C2J12			
B-B1C2J10	BH6 B-B1B1C09			
AQ2 B-B1N2B02	01B-C1B1C09			
01B-B1M1E09	01B-C1A2D05			
01B-C1M1E09	01D-B1B1C09			

LOC. TYPE
B-B1C2 4619

R			
B	I B AND M REGISTERS		R
1	BIT 2		B
2	E.C.-HISTORY	MACH.1131-B	1
1	419631		2
		FRAME 01	1
		IBM CORP. GPD	
000	DATE LAST EC	P.N. 2231162	000
	11-11-66 419644		



LOC• TYPE
B-B1C2 4619

BB111AA4 RESISTOR B-B1C2J07	BH2 B-B1M3D04 01E-A1B1D09		
WZ051AD4 RESISTOR B-B1C2D10	BH6 B-B1B1D09 01B-C1B1D09 01B-C1A2D06		
AQ2 B-B1N2D02	01D-B1B1D09		
BF4 B-B1A2B12	01D-A1B1D09		
01B-A1N2B12	01E-B1B1D09		

R B 1 3 1 000			

I B AND M REGISTERS
BIT 3

E•C•-HISTORY 419631	MACH•1131-B	R B 1 3 1
	FRAME 01	
	IBM CORP• GPD	
DATE LAST EC 11-11-66 419644	P•N• 2231163	000

+ GT B BITS 0 TO 9 TO OP REG — KD101AZ4
- SENSE AMP BIT 4 — WZ051AE4*
+ GATE B TO D 0-7 — KG231AK4

- I TO B SP 0-7 — KG121AK2
- IO TO B SP 0-7 — KG121AL2
- A TO B SP 0-7 — KG121AJ2
+ A BIT 4 — RA141AU2

- IO BIT 4 — BB111AB4*

- A BIT 4 — RA141AU6

+ I BIT 5 — RB151AQ2
- IAR 0-7 INCR GT — KG211AX4

- B TO I SP 0-7 — KG111AJ2

- M TO I SP 0-7 — KG111AL2

- DC RESET IAR — KU311AU4

- A TO M SP 0-7 — KG101AJ2

- I TO M SP 0-7 — KG101AL2

+ GATE I TO A 0-7 — KG231BA4

- DC RESET B 0-7 — KU311AR4

J09 AR A J G05NB-B1D2
J12 BF A J B-B1D2 J13* — RN101 - B BIT 4 GATED — BF4
J12 BG A J B10 B-B1D2 G09 — RD121 - B BIT 4 TO D — BG4
J09 A J G05NB-B1D2
J12 A J G13 B-B1D2
J12 A J B10 B-B1D2 G09
AS A J G03NB-B1D2
AN A * TO3TE B-B1D2K G08
B13N A AT S03SQ D08KB-B1D2
BB OR J J10 B-B1D2
J05 AE A J04N G10 S03SQ B-B1D2
J09 AU A EJ G05NB-B1D2
+ B BIT 4 — FA111 RB301 ZL101 — BH2
B BIT 4 BH FF J12*
G07 AF A J G12NB-B1D2
AP A * J06 TO3TE B-B1D2K
J05 AV A J G03NB-B1D2
T20SCL B-B1D2 G07*
D13 AB A J D02NB-B1D2
AK OR B-B1D2
B13N A AW S03SQ D08KB-B1D2
BC OR J D11 B-B1D2
WZ031 - B BIT 4 — BH6
I BIT 4 AQ FF J05*
AG A J04N G10 S03SQ B-B1D2
T20SCL B-B1D2
+ I BIT 4 — KG201 ZL101 — AQ2
J12 AH A J G12NB-B1D2
D06N A AX S03SQ D08KB-B1D2
AL OR J J02 B-B1D2
AY A J B02NB-B1D2
BD OR B-B1D2
M BIT 4 BJ FF G04*
G04 AC A J D02NB-B1D2
D06N A AZ S03SQ D08KB-B1D2
T20SCL B-B1D2 D13
J05 AM A J D04 B-B1D2 LA G02
J05 A BA J B02NB-B1D2
BE OR B-B1D2
+ M BIT 4 — MB101 ZL101 — BJ2
RA141 - I BIT 4 TO ACC — AM4

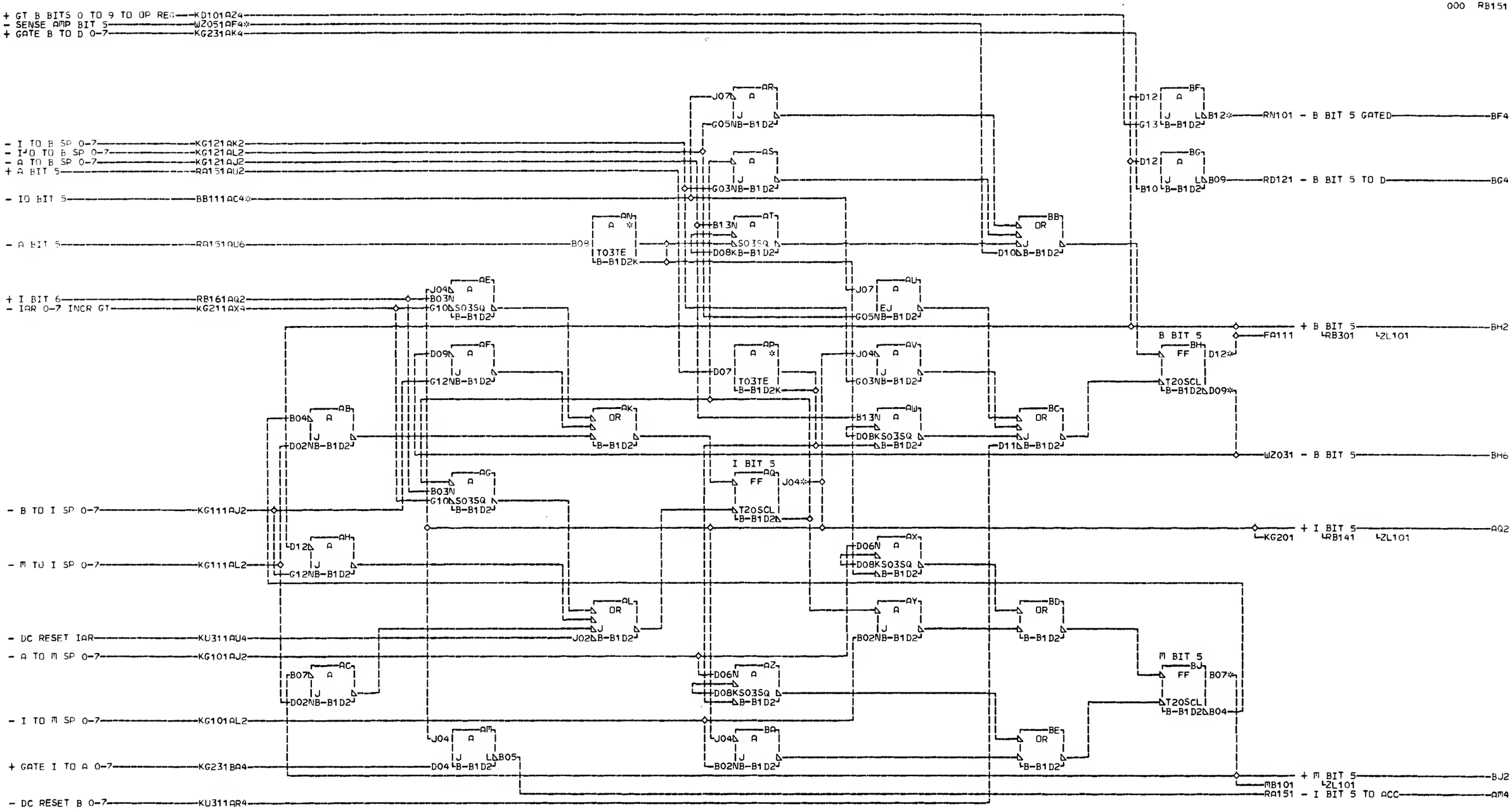
R B 1 4 1
000

BB111AB4 RESISTOR B-B1D2J09
WZ051AE4 RESISTOR B-B1D2J10
AQ2 B-B1N2B03
BF4 B-B1A2B13 01B-A1N2B13
BH2 B-B1M3B04 01E-A1B1E09
RESISTOR B-B1D2J12
BJ2 B-B1M2B03
BH6 B-B1B1E09 01B-C1B1E09 01B-C1A2D07 01D-B1B1E09 01D-A1B1E09 01E-B1B1E09

LOC. TYPE
B-B1D2 4619

I B AND M REGISTERS BIT 4
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP. TPD
DATE 11-11-66 LAST EC 419644
P.N. 2231164

R B 1 4 1 000



BB111AC4	BH2 B-B1M3D05	01E-A1C1B09	
RESISTOR	RESISTOR	BJ2 B-B1M2D04	
B-B1D2J07	B-B1D2D12		
WZ051AF4	BH6 B-B1C1B09		
RESISTOR	01B-C1C1B09		
B-B1D2D10	01B-C1A2D09		
AQ2 B-B1N2D04	01D-B1C1B09		
BF4 B-B1A2D09	01D-A1C1B09		
01B-A1N2D09	01E-B1C1B09		

LOC. TYPE
B-B1D2 4619

I B AND M REGISTERS BIT 5		
E.C.-HISTORY	MACH.1131-B	
419631		
	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC	P.N. 2231165	000

+ GT B BITS 0 TO 9 TO OP REG — KD101AZ4
- SENSE AMP BIT 6 — WZ051AG4*
+ GATE B TO D 0-7 — KG231AK4

- I TO B SP 0-7 — KG121AK2
- IAR 0 TO B SP 0-7 — KG121AL2
- A TO B SP 0-7 — KG121AJ2
+ A BIT 6 — RA161AU2

- IO BIT 6 — BB121AA4*

- A BIT 6 — RA161AU6

+ I BIT 7 — RB171AQ2
- IAR 0-7 INCR GT — KG211AX4

- B TO I SP 0-7 — KG111AJ2

- M TO I SP 0-7 — KG111AL2

- DC RESET IAR — KU311AU4

- A TO M SP 0-7 — KG101AJ2

- I TO M SP 0-7 — KG101AL2

+ GATE I TO A 0-7 — KG231BA4

- DC RESET B 0-7 — KU311AR4

J09 AR A J G05NB-B1E2
J12 BF A J J13* — RN101 - B BIT 6 GATED — BF4 — G13 B-B1E2
J12 BG A J G09 — RD131 - B BIT 6 TO D — BG4 — B10 B-B1E2
J09 AS A J G03NB-B1E2
G0B AN A * T03TE B-B1E2K
B13N AT A S03SQ D08KB-B1E2
BB OR J J10 B-B1E2
J05 AE A J04N G10 S03SQ B-B1E2
J09 AU A EJ G05NB-B1E2
+ B BIT 6 — DN201 — FA111 RB301 ZL101 — BH2
G07 AF A J G12NB-B1E2
J06 AP A * T03TE B-B1E2K
J05 AV A J G03NB-B1E2
B BIT 6 BH FF J12* — T20SCL B-B1E2 G07*
D13 AB A J D02NB-B1E2
AK OR B-B1E2
B13N AW A D08KS03SQ B-B1E2
BC OR J D11 B-B1E2
WZ031 - B BIT 6 — BH6
I BIT 6 AQ FF J05*
J04N AG A G10 S03SQ B-B1E2
T20SCL B-B1E2
+ I BIT 6 — KG201 — RB151 ZL101 — AQ2
J12 AH A J G12NB-B1E2
D06N AX A D08KS03SQ B-B1E2
AL OR J J02 B-B1E2
AY A J B02NB-B1E2
BD OR B-B1E2
M BIT 6 BJ FF G04* — T20SCL B-B1E2 D13
G04 AC A J D02NB-B1E2
D06N AZ A D08KS03SQ B-B1E2
J05 AM A J G02 D04 B-B1E2
J05 BA A J B02NB-B1E2
BE OR B-B1E2
+ M BIT 6 — MB101 ZL101 — BJ2
RA161 - I BIT 6 TO ACC — AM4

BB121AA4 RESISTOR B-B1E2J09
WZ051AG4 RESISTOR B-B1E2J10
AQ2 B-B1N2B04
BF4 B-B1A2D10 01B-A1N2D10
BH2 B-B1M3B05 01B-B1A5B11 01B-A1N5B11
RESISTOR B-B1E2J12
BH6 B-B1C1C09
01B-C1C1C09 01B-C1A2D10 01D-B1C1C09
BJ2 B-B1M2B04
01D-A1C1C09 01E-B1C1C09 01E-A1C1C09

LOC. TYPE
B-B1E2 4619

I B AND M REGISTERS BIT 6
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE 11-11-66 LAST EC 419644
P.N. 2231166

RB161 000
RB161 000

+ GT B BITS 0 TO 9 TO OP REG — KD101AZ4
+ GATE B TO D 0-7 — KG231AK4
- SENSE AMP BIT 7 — WZ051AH4*

- I TO B SP 0-7 — KG121AK2
- I TO B SP 0-7 — KG121AL2
- A TO B SP 0-7 — KG121AJ2
+ A BIT 7 — RA171AU2
- IO BIT 7 — BB121AB4*
- A BIT 7 — RA171AU6

- INCR 7 SAMPLE — KG201AE4
- IAR 0-7 INCR GT — KG211AX4

- B TO I SP 0-7 — KG111AJ2
- M TO I SP 0-7 — KG111AL2
- DC RESET IAR — KU311AU4
- A TO M SP 0-7 — KG101AJ2
- I TO M SP 0-7 — KG101AL2
+ GATE I TO A 0-7 — KG231BA4
- DC RESET B 0-7 — KU311AR4

AR J07 A J G05NB-B1E2
AS A J G03NB-B1E2
AN A * TO3TE B-B1E2K
AT B13N A S03SQ D08KB-B1E2
BB OR J D10 B-B1E2
AE J04 A B03N G10 S03SQ B-B1E2
AF D09 A J G12NB-B1E2
AP A * D07 TO3TE B-B1E2K
AU J07 A EJ G05NB-B1E2
AV J04 A J G03NB-B1E2
AW B13N A D08KS03SQ B-B1E2
BC OR J D11 B-B1E2
AB B04 A J D02NB-B1E2
AK OR B-B1E2
AG A B03N G10 S03SQ B-B1E2
AQ FF J04* T20SCL B-B1E2
AH D12 A J G12NB-B1E2
AX D06N A D08KS03SQ B-B1E2
AL OR J02 B-B1E2
AY A J B02NB-B1E2
BD OR B-B1E2
AC B07 A J D02NB-B1E2
AZ D06N A D08KS03SQ B-B1E2
AM J04 A J B05 D04 B-B1E2
BA J04 A J B02NB-B1E2
BE OR B-B1E2

BF D12 A J B12* G13 B-B1E2 — RN101 - B BIT 7 GATED — BF4
BG D12 A J B09 B10 B-B1E2 — RD131 - B BIT 7 TO D — BG4

+ B BIT 7 — BH2
DN201 FA111 RB301 ZL101

B BIT 7 BH FF D12* T20SCL B-B1E2 D09*

WZ031 - B BIT 7 — BH6

I BIT 7 AQ FF J04* T20SCL B-B1E2

+ I BIT 7 — AQ2
KG201 RB161 ZL101

M BIT 7 BJ FF B07* T20SCL B-B1E2 B04

+ M BIT 7 — BJ2
MB101 ZL101

RA171 - I BIT 7 TO ACC — AM4

LOC. TYPE
B-B1E2 4619

BB121AB4	BH2 B-B1M3D06	01D-A1C1D09	
RESISTOR	01B-B1A5D11	01E-B1C1D09	
B-B1E2J07	01B-A1N5D11	01E-A1C1D09	
WZ051AH4	RESISTOR	BJ2 B-B1M2D05	
RESISTOR	B-B1E2D12		
B-B1E2D10	BH6 B-B1C1D09		
AQ2 B-B1N2D05	01B-C1C1D09		
BF4 B-B1A2D11	01B-C1A2D11		
01B-A1N2D11	01D-B1C1D09		

I B AND M REGISTERS BIT 7
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE 11-11-66 LAST EC 419644
P.N. 2231167

R B 1 7 1 000

+ GT B BITS 0 TO 9 TO OP REG — KD101AZ4
= SENSE AMP BIT 8 — WZ051AJ4*
+ GATE B TO D 8-15 — KG231AL4

- A TO B SP 8-15 — KG121AN2
- I TO B SP 8-15 — KG121AP2
- I/O TO B SP 8-15 — KG121AM2
+ A BIT 8 — RA201AU2

- IO BIT 8 — BB121AC4*

- A BIT 8 — RA201AU6

+ I BIT 9 — RB211AQ2
- IAR 8-15 INCR GT — KG211AY4

- B TO I SP 8-15 — KG111AN2

- M TO I SP 8-15 — KG111AM2

- DC RESET IAR — KU311AU4

- A TO M SP 8-15 — KG101AK2

- I TO M SP 8-15 — KG101AM2

+ GATE I TO A 8-15 — KG231BA6

- DC RESET B 8-15 — KU311AQ4

AR J09 A J G05NB-B1H2
AS J03 A J G03NB-B1H2
AN G08 A* T03TE B-B1H2K
AT B13N A S03SQ D08KB-B1H2
BB OR J10 B-B1H2
AE J05 A J04N G10 S03SQ B-B1H2
AU J09 A EJ G05NB-B1H2
AF G07 A J G12NB-B1H2
AP J06 A* T03TE B-B1H2K
AV J05 A J G03NB-B1H2
AB D13 A J D02NB-B1H2
AK OR B-B1H2
AW B13N A D08KS03SQ B-B1H2
BC OR D11 B-B1H2
AG J04N A G10 S03SQ B-B1H2
I BIT 8 AG FF J05* T20SCL B-B1H2
AH J12 A J G12NB-B1H2
AX D06N A D08KS03SQ B-B1H2
AL OR J02 B-B1H2
AY B02 A J B02NB-B1H2
BD OR B-B1H2
AC G04 A J D02NB-B1H2
AZ D06N A D08KS03SQ B-B1H2
M BIT 8 BJ FF G04* T20SCL B-B1H2 D13
AM J05 A J LA G02 D04 B-B1H2
BA J05 A J B02NB-B1H2
BE OR B-B1H2

J12 BF A J LA J13* — RN111 - B BIT 8 GATED — BF4
J12 BG A J B10 G09* — KG231 RD141 — B BIT 8 TO D — BG4
G13 B-B1H2
+ B BIT 8 — RB311 ZL101 — BH2
B BIT 8 BH FF J12* T20SCL B-B1H2 G07*
WZ031 - B BIT 8 — BH6
+ I BIT 8 — KG201 ZL101 — AQ2
+ M BIT 8 — MB101 ZL101 — BJ2
RA201 - I BIT 8 TO ACC — AM4

R B 2 0 1
000

BB121AC4 BG4 B-B1A4D03 01D-A1C1E09
RESISTOR 01B-A1N4D03 01E-B1C1E09
B-B1H2J09 BH2 B-B1M3B07 01E-A1C1E09
WZ051AJ4 RESISTOR BJ2 B-B1M2B05
RESISTOR B-B1H2J12
B-B1H2J10 BH6 B-B1C1E09
AQ2 B-B1N2B05 01B-C1C1E09
BF4 B-B1E1A11 01B-C1A2D12
01B-A1E1A11 01D-B1C1E09

LOC. TYPE
B-B1H2 4619

I B AND M REGISTERS
BIT 8
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE 11-11-66
LAST EC 419644
P.N. 2231168

R B 2 0 1 000

+ GT B BITS 0 TO 9 TO OP REG — KD101AZ4
- SENSE AMP BIT 9 — WZ061AA4*
+ GATE B TO D 8-15 — KG231AL4

- A TO B SP 8-15 — KG121AN2
- I TO B SP 8-15 — KG121AP2
- I-D TO B SP 8-15 — KG121AM2
+ A BIT 9 — RA211AU2

- IO BIT 9 — BB131AA4*

- A BIT 9 — RA211AU6

+ I BIT 10 — RB221AQ2
- IAR 8-15 INCR GT — KG211AY4

- B TO I SP 8-15 — KG111AN2

- M TO I SP 8-15 — KG111AM2

- DC RESET IAR — KU311AU4

- A TO M SP 8-15 — KG101AK2

- I TO M SP 8-15 — KG101AM2

+ GATE I TO A 8-15 — KG231BA6

- DC RESET B 8-15 — KU311AQ4

AR J07 A J G05NB-B1H2
AS A J G03NB-B1H2
AN A * B13N T03TE B-B1H2K
AT A S03SQ D08KB-B1H2
BB OR J D10 B-B1H2
AE J04 A B03N G10 S03SQ B-B1H2
AU J07 A EJ G05NB-B1H2
AF D09 A J G12NB-B1H2
AP A * D07 T03TE B-B1H2K
AV J04 A J G03NB-B1H2
AB B04 A J D02NB-B1H2
AK OR B-B1H2
AW B13N A D08KS03SQ B-B1H2
BC OR J D11 B-B1H2
AG A B03N G10 S03SQ B-B1H2
AQ FF J04* T20SCL B-B1H2
AH D12 A J G12NB-B1H2
AX D06N A D08KS03SQ B-B1H2
AL OR J J02 B-B1H2
AY A J B02NB-B1H2
BD OR B-B1H2
AC B07 A J D02NB-B1H2
AZ D06N A D08KS03SQ B-B1H2
AM J04 A J B05 D04 B-B1H2
BA J04 A J B02NB-B1H2
BE OR B-B1H2

BF D12 A J B12* — RN111 - B BIT 9 GATED — BF4
BG D12 A J B09 B10 B-B1H2 — RD141 - B BIT 9 TO D — BG4

+ B BIT 9 — BH2
RB311 ZL101
B BIT 9 FA121
BH FF D12* T20SCL B-B1H2 D09*
WZ041 - B BIT 9 — BH6

I BIT 9

+ I BIT 9 — AQ2
KG201 RB201 ZL101

+ M BIT 9 — BJ2
MB101 ZL101
RA211 - I BIT 9 TO ACC — AM4

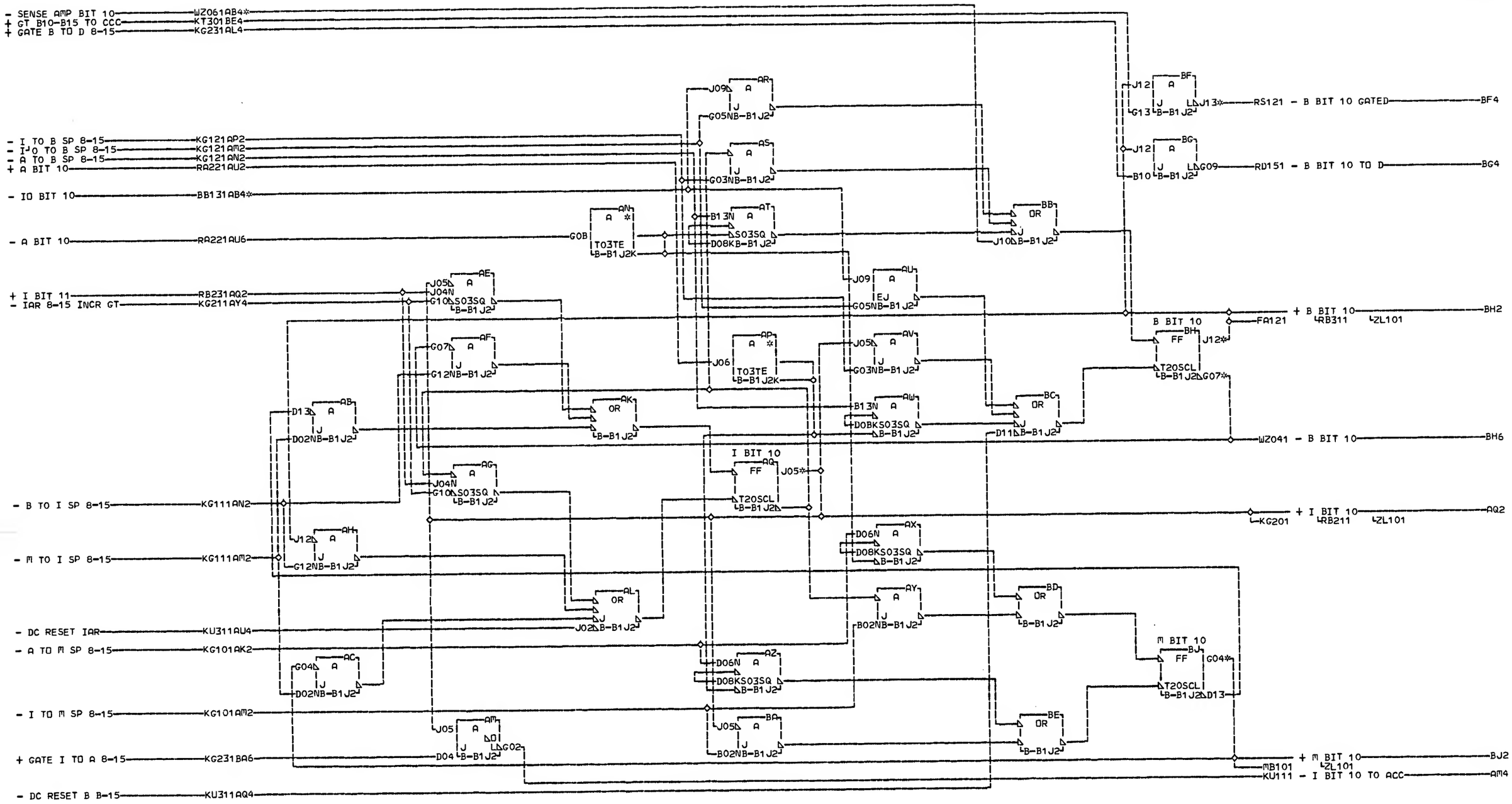
BJ M FF B07* T20SCL B-B1H2 B04

BB131AA4 RESISTOR B-B1H2J07
WZ061AA4 RESISTOR B-B1H2D10
AQ2 B-B1N2D06
BF4 B-B1E1B11 01B-A1E1B11
BH2 B-B1M3D07 RESISTOR B-B1H2D12
BJ2 B-B1M2D06
BH6 B-B1D1A09
01B-C1D1A09
01B-C1A2D13
01D-B1D1A09
01D-A1D1A09
01E-B1D1A09
01E-A1D1A09

LOC. TYPE
B-B1H2 4619

I B AND M REGISTERS BIT 9	
E.C.-HISTORY 419631	MACH.1131-B
	FRAME 01
	IBM CORP. GPD
DATE LAST EC 11-11-66 419644	P.N. 2231169

R B 2 1 1 000



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	RESISTOR		RESISTOR	01D	B-B1L1A09
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WZ061AB4		BH6	B-B1L1A09	01D	A1L1A09
	RESISTOR		01B-B1K1E09	01E	B-B1K1E09
	B-B1J2J10		01B-C1K1E09	01E	B-B1L1A09
AQ2	B-B1N2B07		01B-C1L1A09	01E	A1K1E09
BF4	B-B1D1E09		01B-C1A4D02	01E	A1L1A09
	01B-A1D1E09		01B-C1A4D03	BJ2	B-B1M2B07

LOC. TYPE
B-B1J2 4619

I B AND M REGISTERS
BIT 10
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP.
DATE LAST EC
11-11-66 419644
P.N. 2231170

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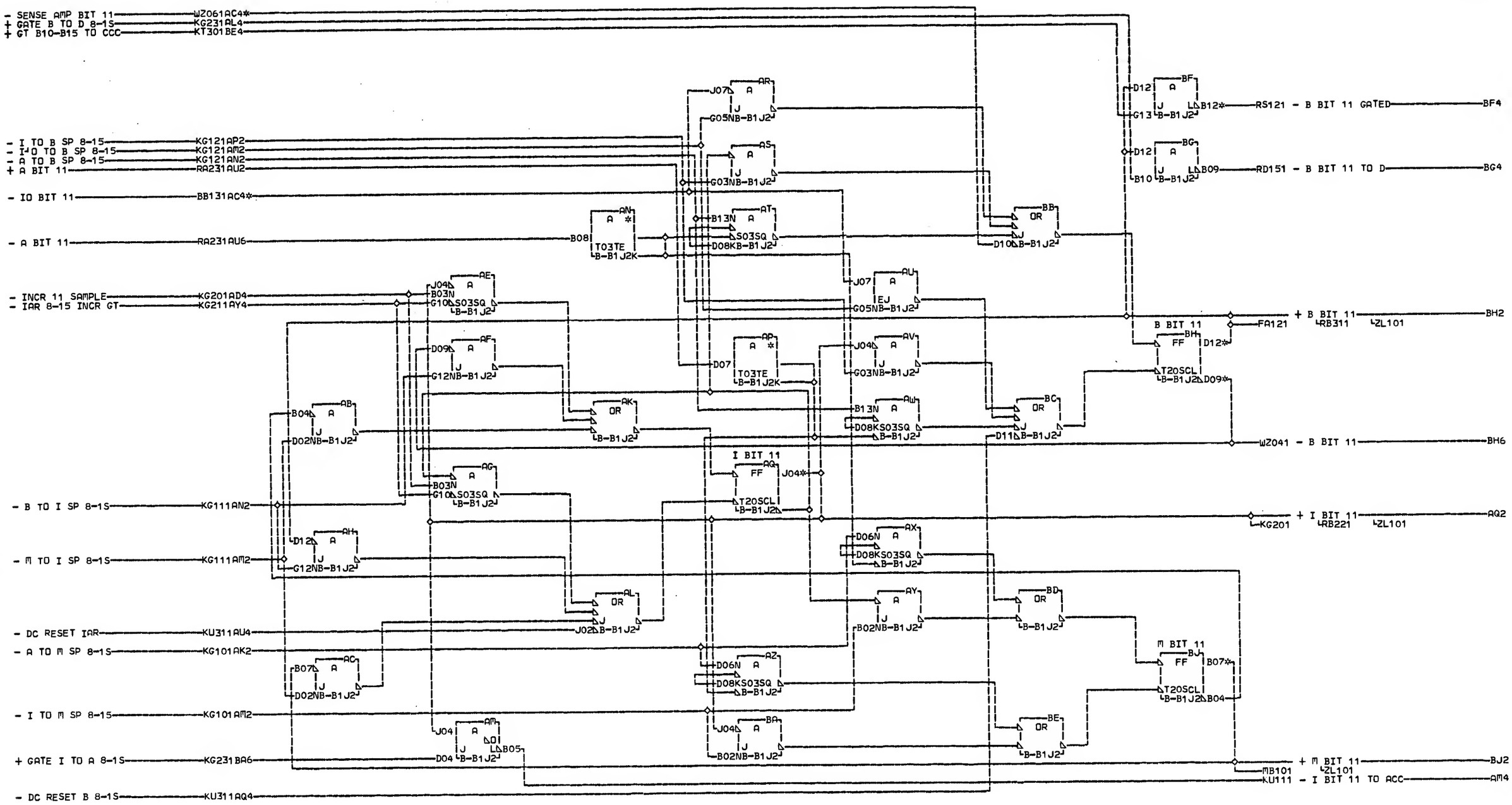

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	RESISTOR		RESISTOR	BJ2 B-B1M2D07	
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WZ061AC4		BH6 B-B1L1B09			
	RESISTOR	01	B-C1L1B09		
	B-B1J2D10	01	B-C1A4D04		
AQ2	B-B1N2D07	01	D-B1L1B09		
BF4	B-B1M8C04	01	D-A1L1B09		
	01B-A1M8C04	01	E-B1L1B09		

LOC. TYPE
B-B1J2 4619

I B AND M REGISTERS BIT 11	
-E.C.-HISTORY-	MACH.1131-B
419631	
	FRAME 01
	IBM CORP. GPD
DATE LAST EC	
11-11-66 419644	P.N. 2231171

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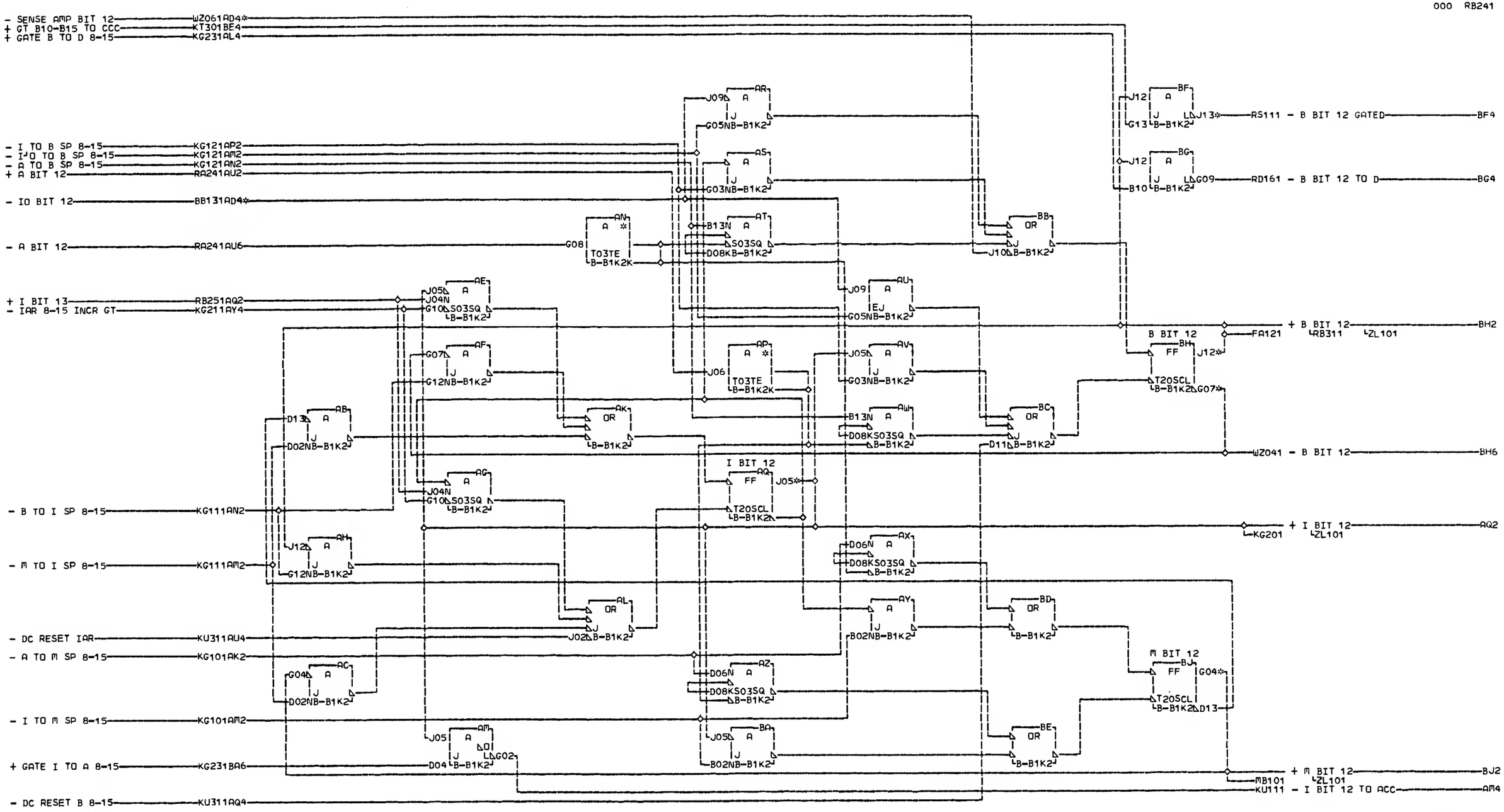

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BB131AD4 BH2 B-B1M3B09 01E-A1L1C09
RESISTOR RESISTOR BJ2 B-B1M2B08
B-B1K2J09 B-B1K2J12
WZ061AD4 BH6 B-B1L1C09
RESISTOR 01B-C1L1C09
B-B1K2J10 01B-C1A4D05
AQ2 B-B1N2B08 01D-B1L1C09
BF4 B-B1E1B09 01D-A1L1C09
01B-A1E1B09 01E-B1L1C09

LOC. TYPE
B-B1K2 4619

I B AND M REGISTERS
BIT 12
E.C.-HISTORY MACH.1131-B
419631
FRAME 01
IBM CORP. GPD
DATE LAST EC
11-11-66 419644
P.N. 2231172

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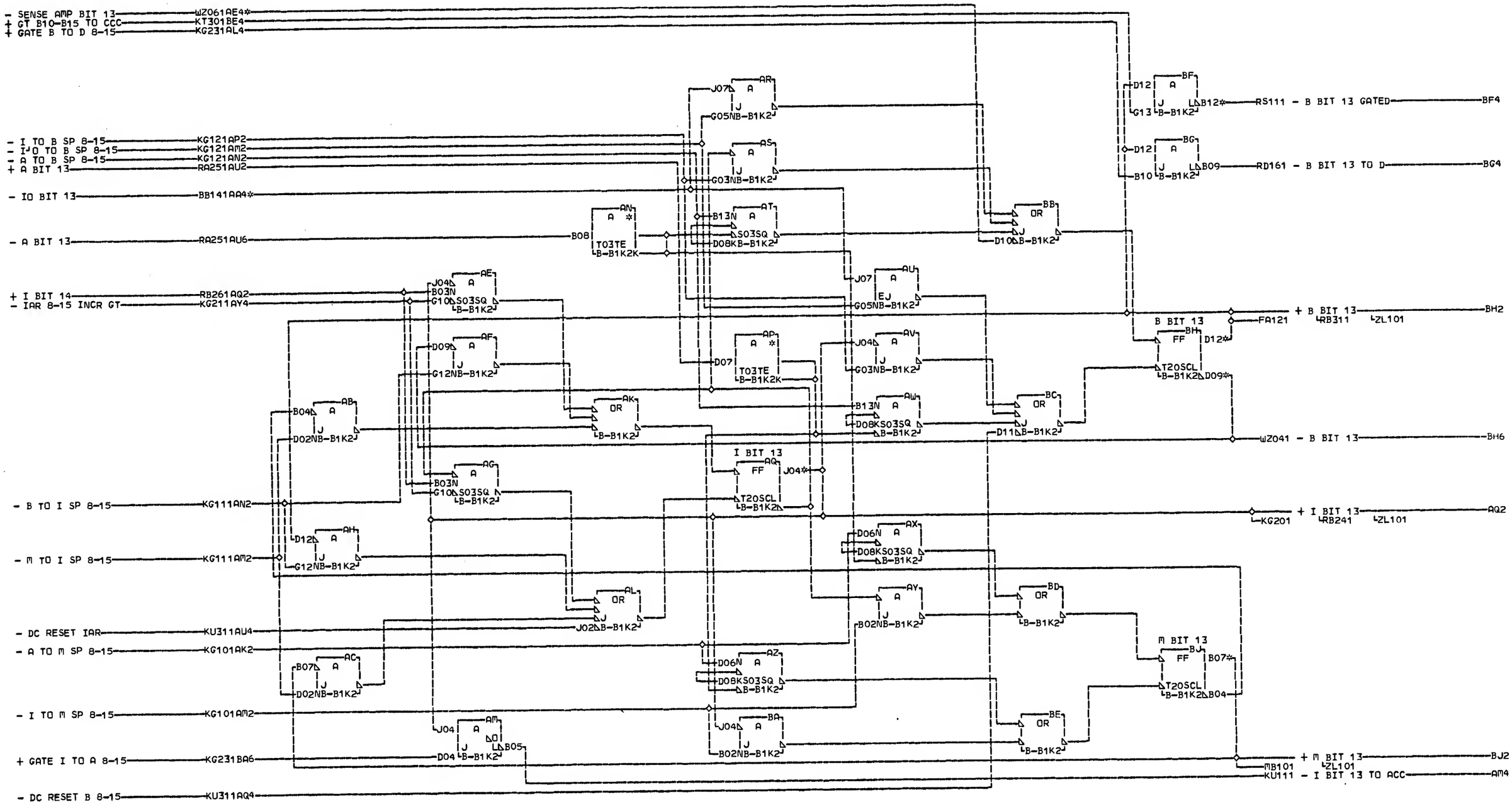

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RESISTOR RESISTOR BJ2 B-B1M2D09
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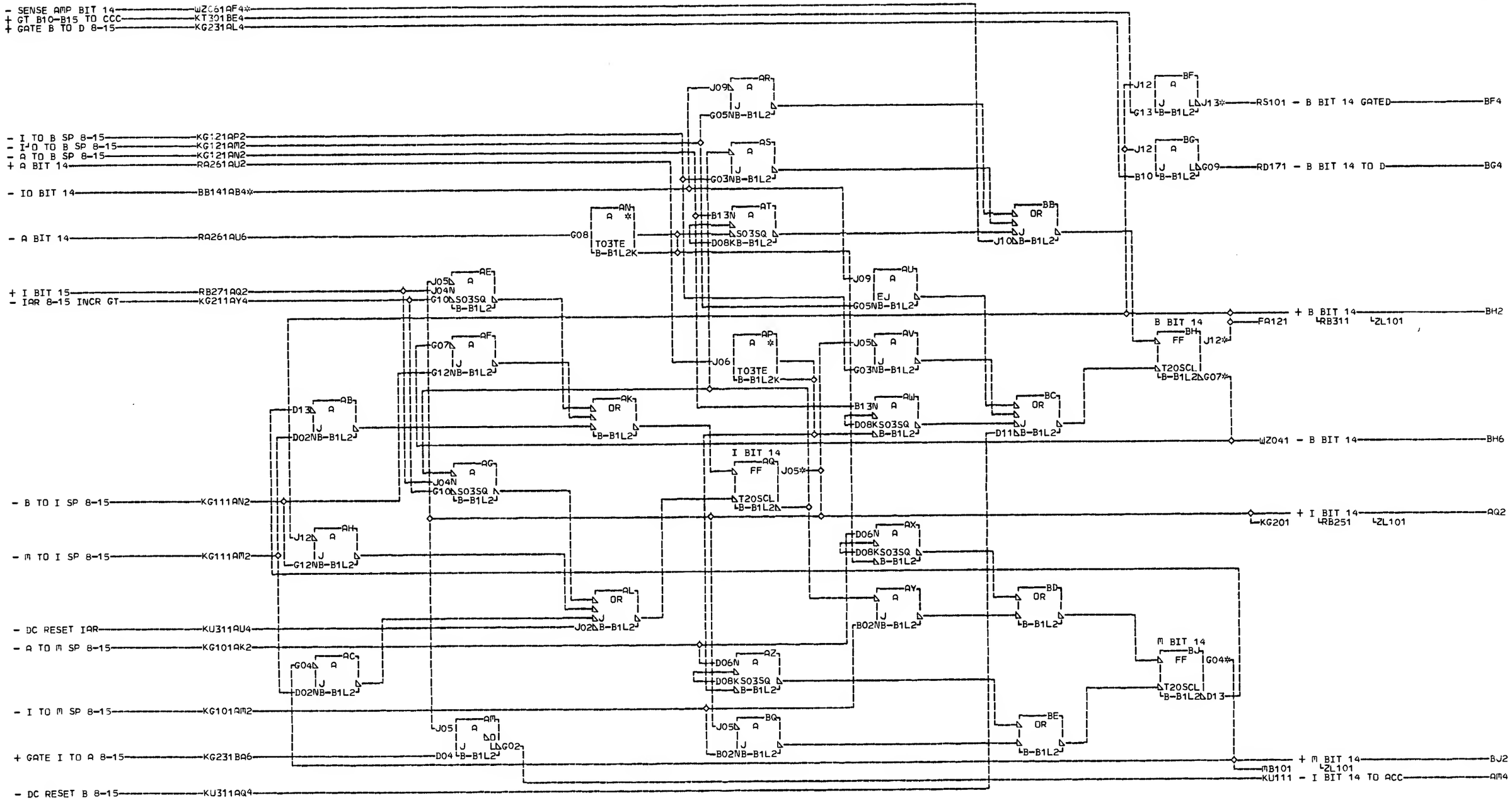
RESISTOR 01B-C1L1D09
B-B1K2D10 01B-C1A4D06
AQ2 B-B1N2D09 01D-B1L1D09
BF4 B-B1E1C09 01D-A1L1D09
01B-A1E1C09 01E-B1L1D09

LOC. TYPE
B-B1K2 4619

I B AND M REGISTERS
BIT 13
E.C.-HISTORY MACH.1131-B
419631
FRAME 01
IBM CORP. GPD
DATE LAST EC
11-11-66 419644
P.N. 2231173

R B 2 5 1 000



R B 2 6 1

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AQ2 B-B1N2B09
BF4 B-B1E1D09 01B-A1E1D09
BH2 B-B1M3B10 01E-A1L1E09
RESISTOR B-B1L2J12
BH6 B-B1L1E09 01B-C1L1E09 01B-C1A4D07 01D-B1I1E09 01D-A1I1E09 01E-B1L1E09
BJ2 B-B1M2B09

LOC. TYPE
B-B1L2 4619

I B AND M REGISTERS BIT 14		R
E.C.-HISTORY 419631	MACH.1131-B	B
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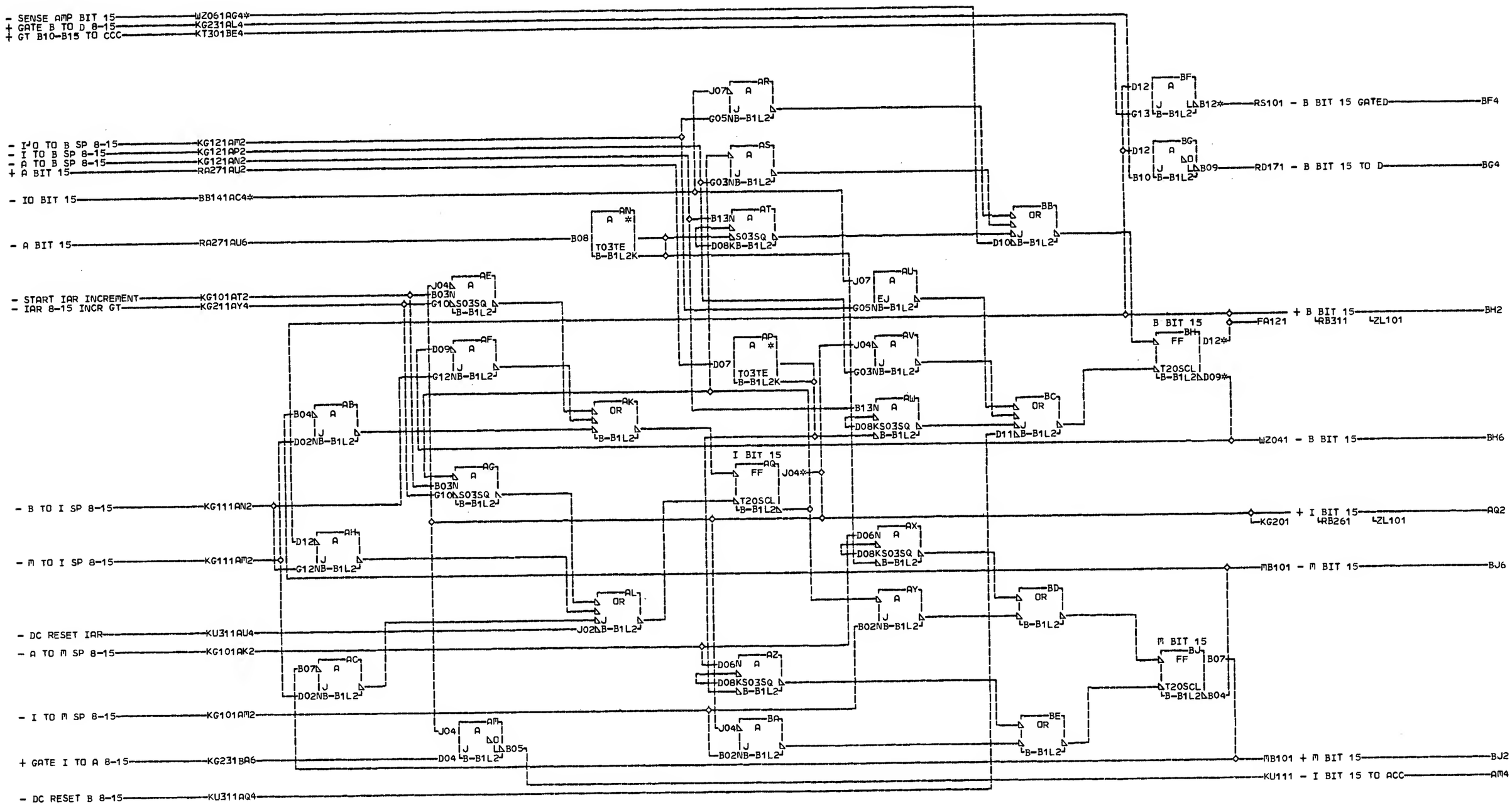
	IBM CORP. GPD	6
DATE LAST EC 11-11-66 419644	P.N. 2231174	1 000



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AQ2 B-B1N2D10	01D-B1M1B09		
BF4 B-B1E1E09	01D-A1M1B09		
01B-A1E1E09	01E-B1M1B09		

LOC. TYPE
B-B1L2 4619

I B AND M REGISTERS BIT 15	R B 2 7 1
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DATE LAST EC 11-11-66 419644	P.N. 2231175

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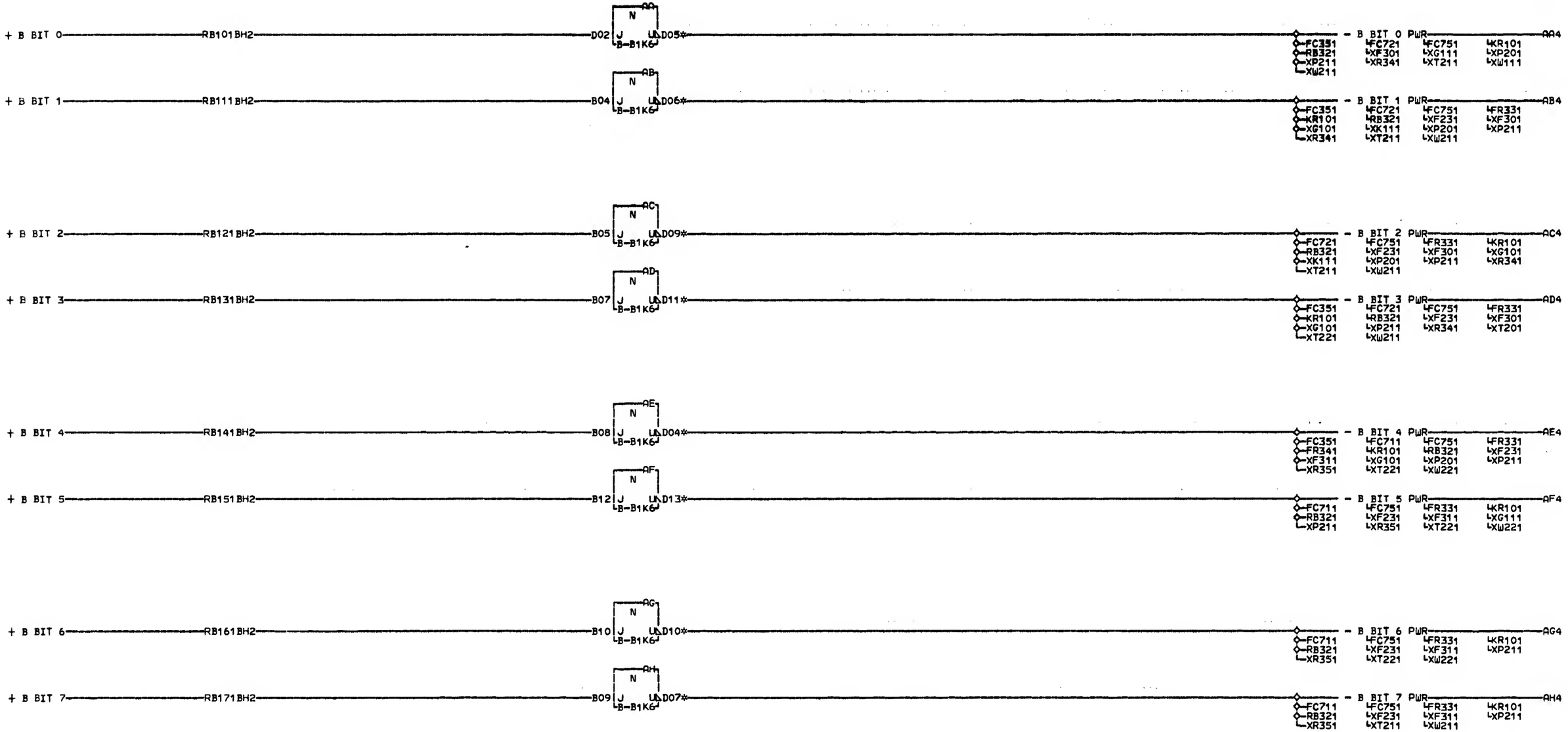


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3                         01A-B1N6B03   01A-B1M6D02   01A-A1N3B03   01A-A1N6D04   01C-A1N6B04 AG4 B-B1N6B05   01A-C1B6D06
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                          01A-A1N6B02   01C-A1N6D02 AD4 B-B1N6D04   01A-C1B6B04   01A-C1A6D04   01A-B1N6B06   01A-B1M6D06
012                       01C-A1N6B02 AC4 B-B1N6B03   01A-C1B6D04   01A-C1A6B05   01A-B1N6D04   01A-B1M6B05   01A-A1N3D06
  SIM TD PN 2231176  EC 419689    AB4 B-B1N6D02   01A-C1B6B03   01A-C1A6D03   01A-B1N6B05   01A-B1M6D05   01A-A1N3B05   01A-A1N6D06
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LOC. TYPE
B-B1K6 3024

B REGISTER POWERING BITS 0-7			
E.C.-HISTORY		MACH.1131-B	
419610	5800001		
419612	419631	FRAME 01	
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DATE	LAST EC		
01-26-68	419689	P.N. 2231496	

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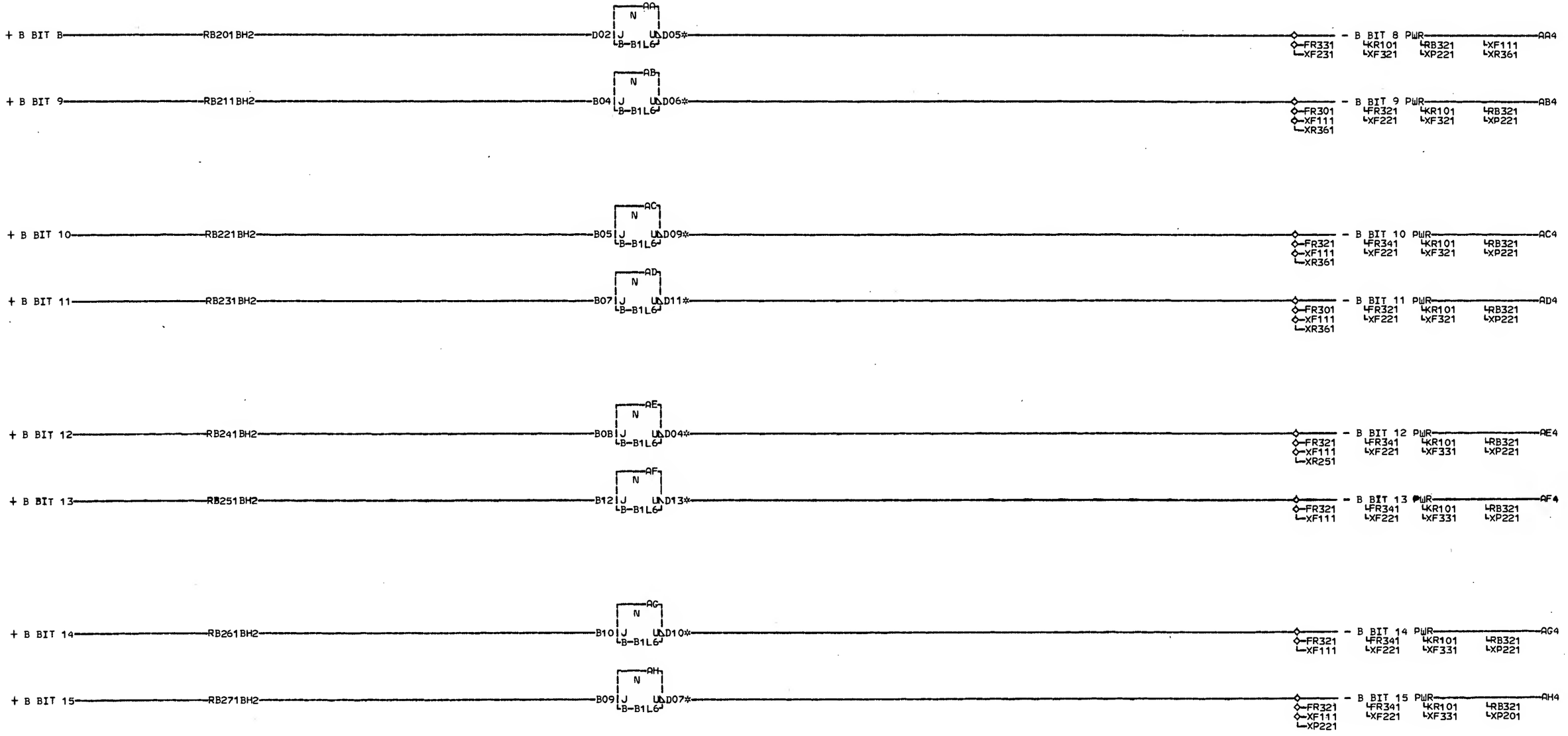

R B 3 1 1 012

SIM TO PN 2231177 EC 4196B9

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LOC. TYPE
B-B1L6 3024

B REGISTER POWERING
BITS B-15

E.C.-HISTORY	MACH.1131-B
5800000 419611	
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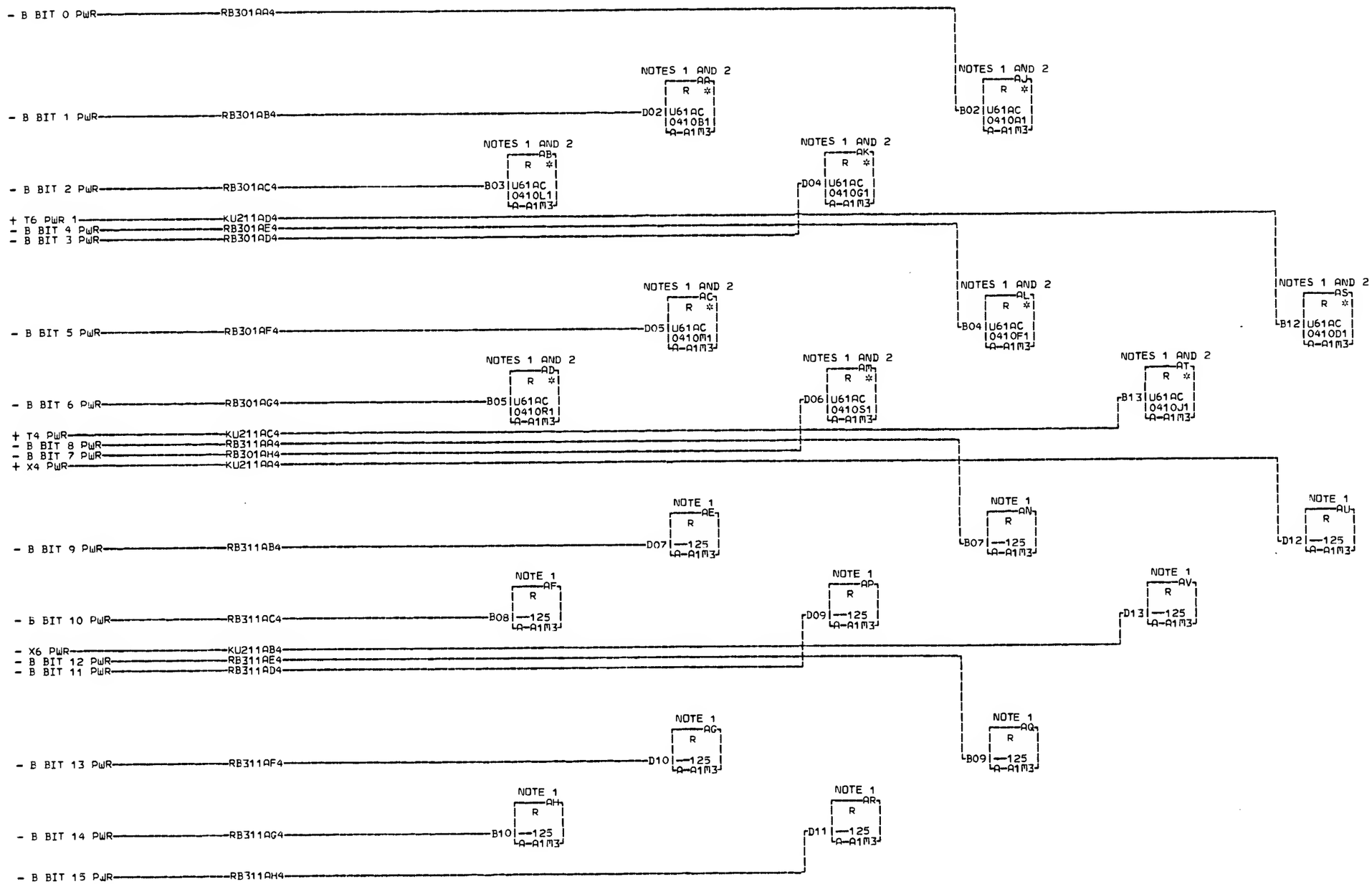
5B00005 419631	
419610 419626	IBM CORP. GPD
DATE LAST EC	
01-26-6B 419689	P.N. 2231497



NOTES 1 AND 2 — R *

NOTE 1 — R

NOTE 1 SYSTEMS WITHOUT AN A-A1 BOARD WILL HAVE THIS CARD AT A-B1M6.

R NOTE 2 ON SYSTEMS WITH SCA 3 THE RESISTOR WILL BE 2 DISCONNECTED FROM THE NET. 1

012 SIM TO PN 2231178 EC 419689

LOC. TYPE
A-A1M3 0410

-B POWER TERMINATORS

E.C. HISTORY — MACH. 1131-B

FRAME 01

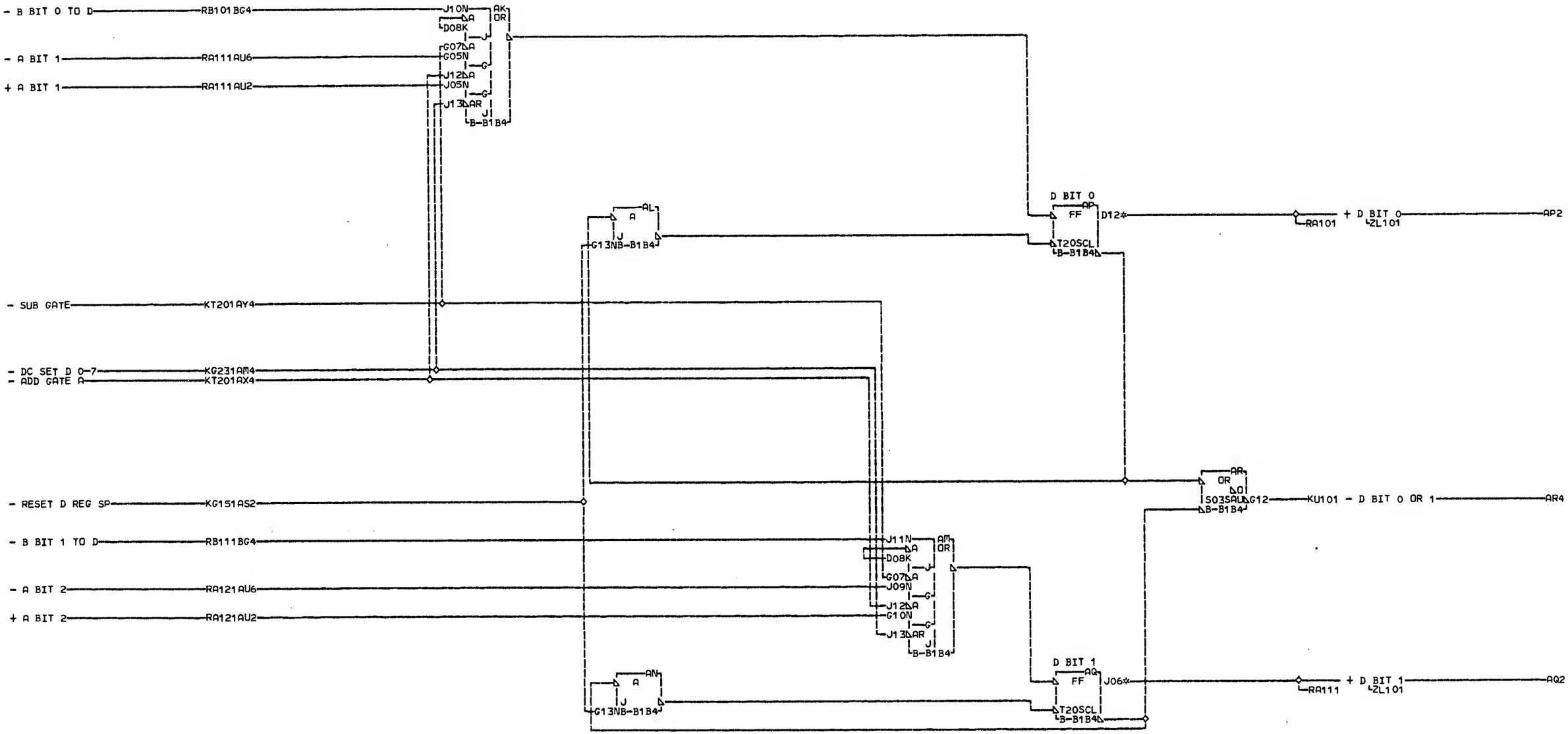
IBM CORP.

DATE LAST EC
01-26-68 419689

P.N. 2231979

012

R B 3 2 1



AP2 B-B1N4B02
AQ2 B-B1N4D02

LOC. TYPE
B-B1B4 6255

D REGISTER
BITS 0 AND 1

E.C.-HISTORY
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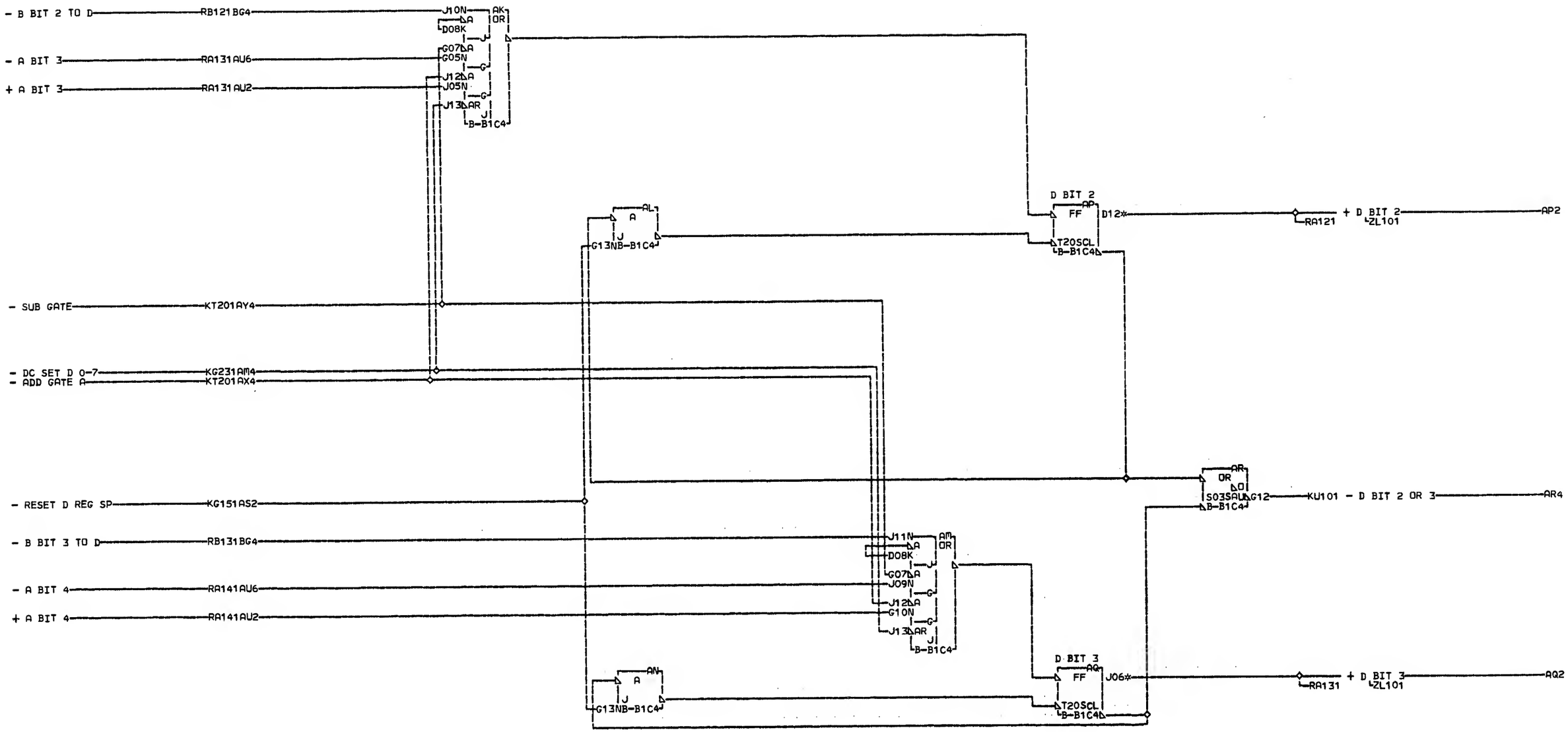
MACH.1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231384

RD101 000



AP2 B-B1N4B03
AQ2 B-B1N4D04

LOC. TYPE
B-B1C4 6255

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D REGISTER
BITS 2 AND 3

E.C. HISTORY
419631

MACH. 1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231385

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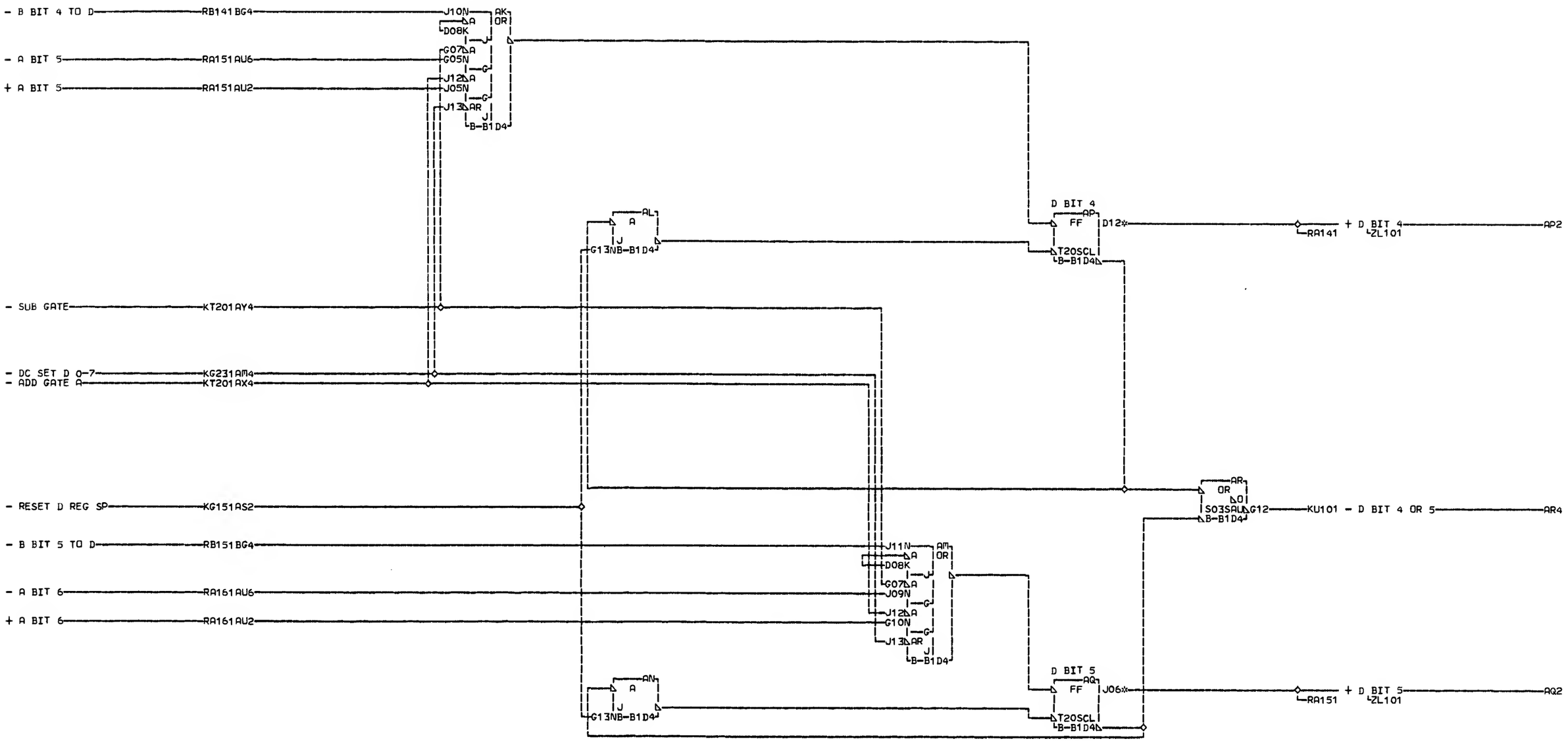

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LOC. TYPE
B-B1D4 6255

D REGISTER
BITS 4 AND 5

E.C.-HISTORY
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MACH.1131-B

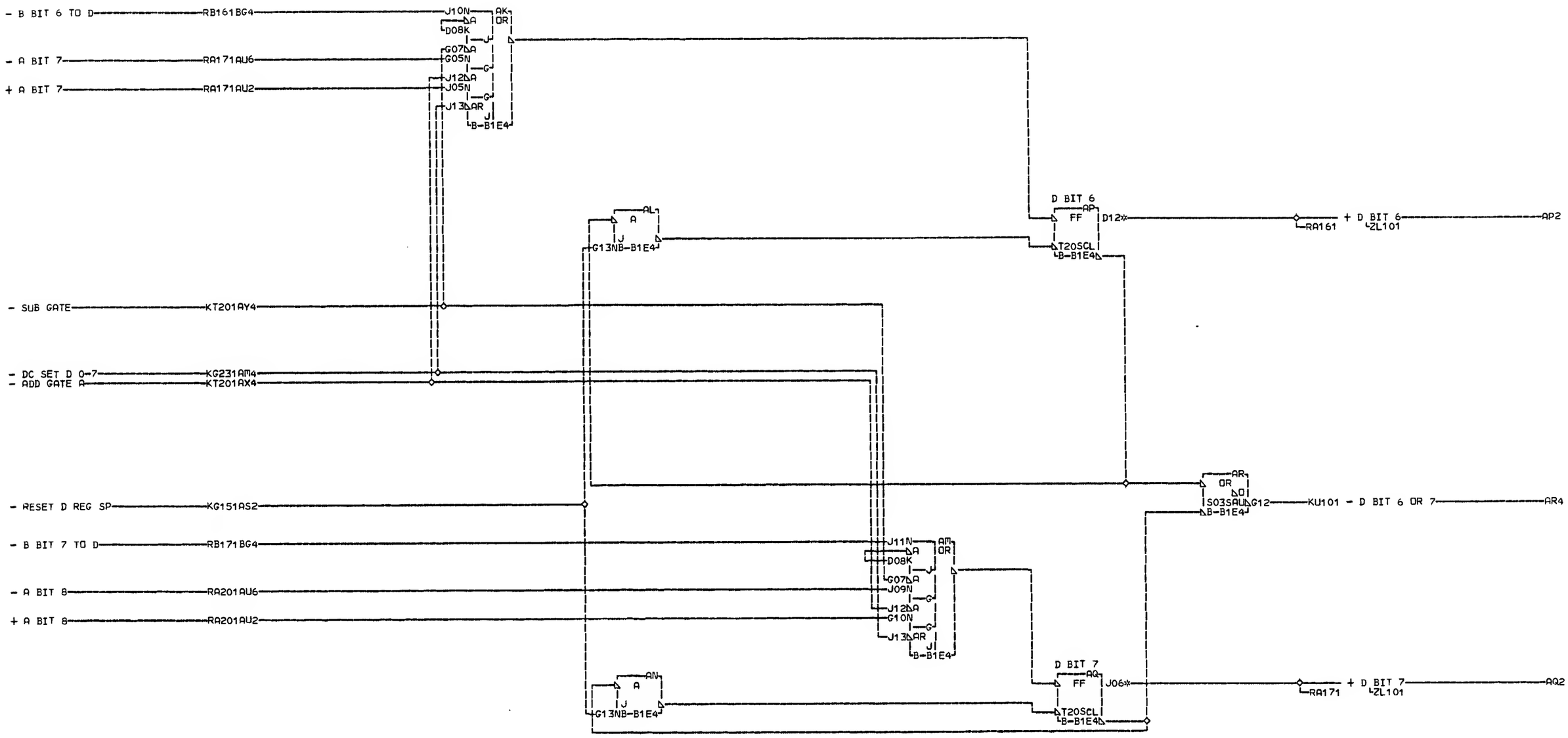
FRAME 01

IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231386

R D 1 2 1 000



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AQ2 B-B1N4D06

LOC. TYPE
B-B1E4 6255

R D 1 3 1 000	D REGISTER BITS 6 AND 7	R D 1 3 1 000
E.C. HISTORY 419631	MACH.1131-B	
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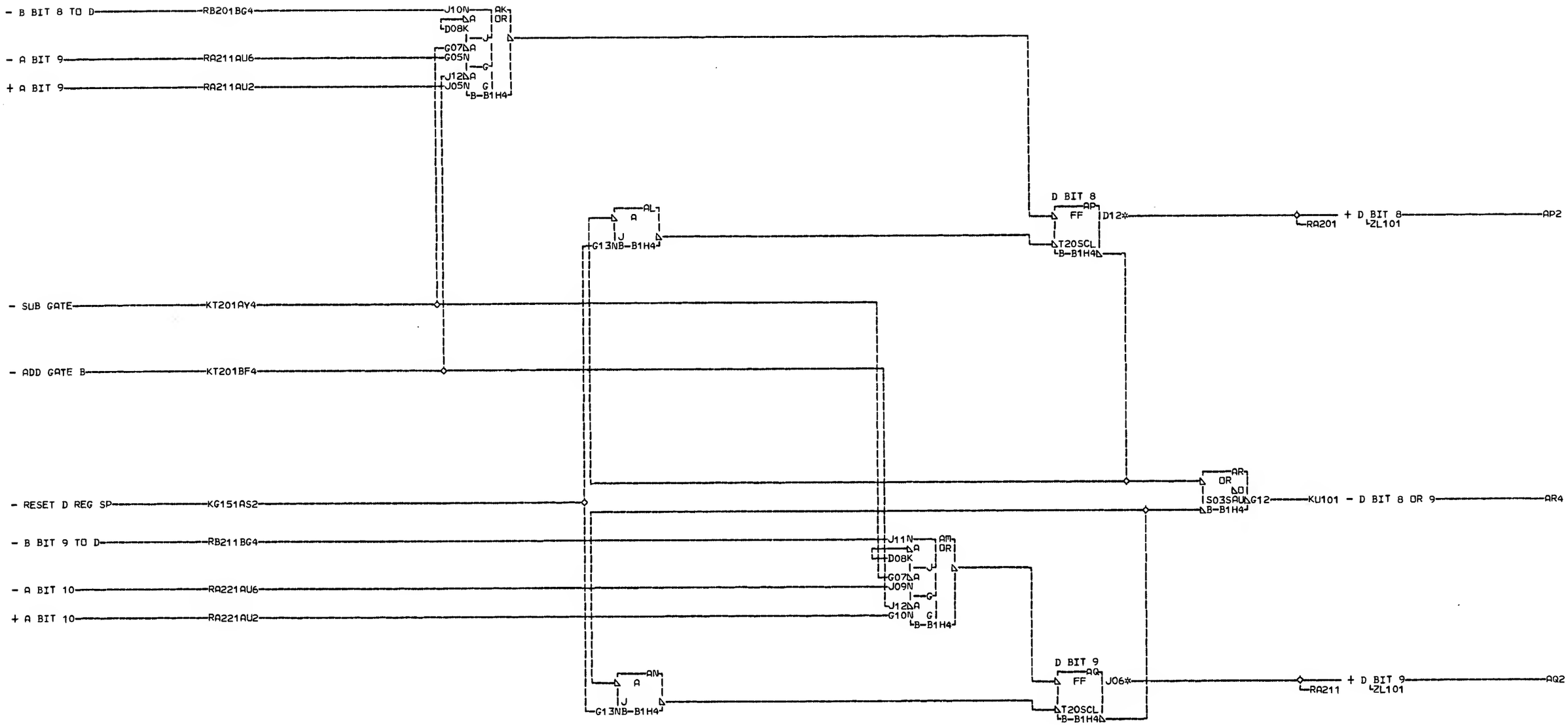

AP2 B-B1N4B07
AQ2 B-B1N4D07

LOC. TYPE
B-B1H4 6255

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D REGISTER
BITS 8 AND 9

E.C. HISTORY	MACH. 1131-B	
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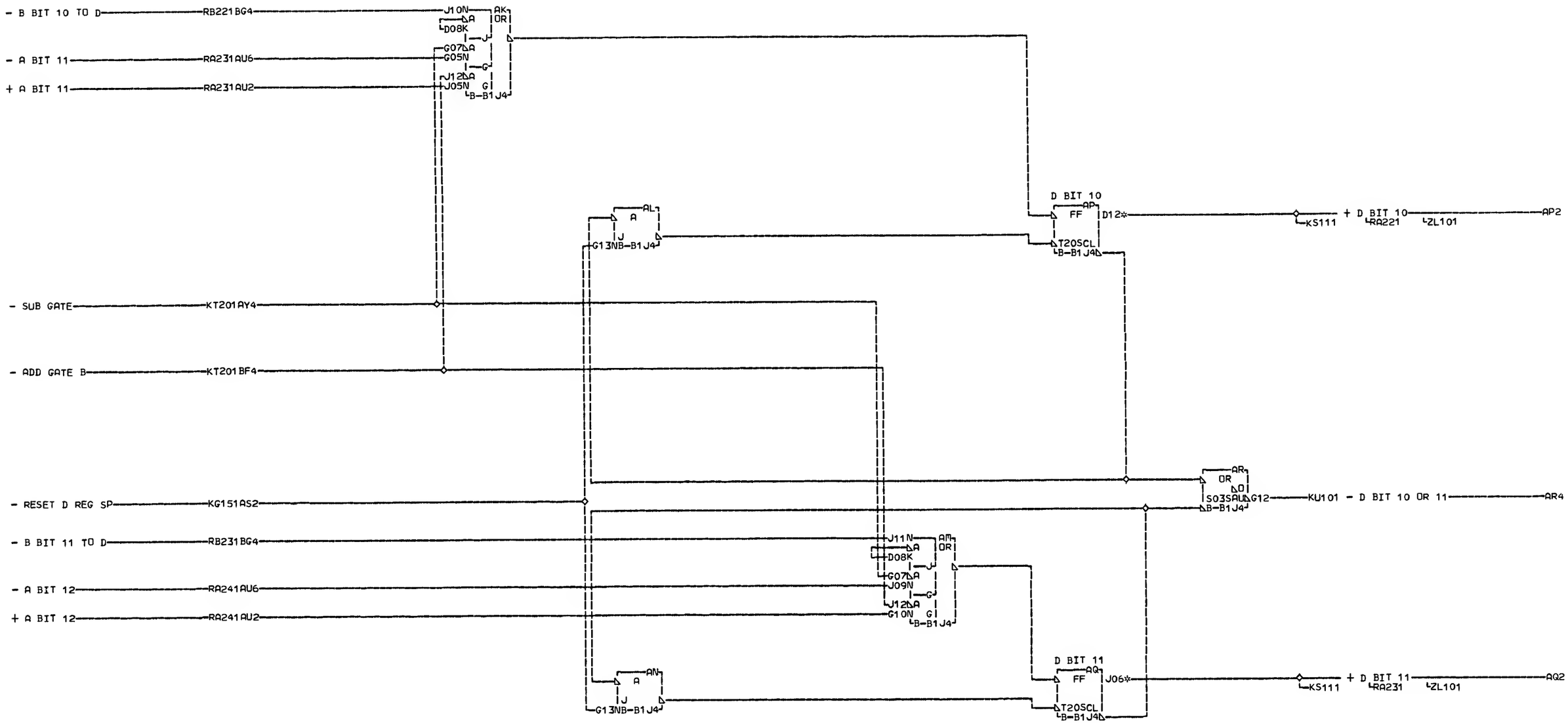
11-11-66 419644		



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AP2 B-B1N4B08
01B-B1A5B03
01B-A1N5B03
AQ2 B-B1N4D09
01B-B1A5D03
01B-A1N5D03

LOC. TYPE
B-B1J4 6255

D REGISTER
BITS 10 AND 11

—E.C.—HISTORY— MACH.1131-B

419631

FRAME 01

IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231389

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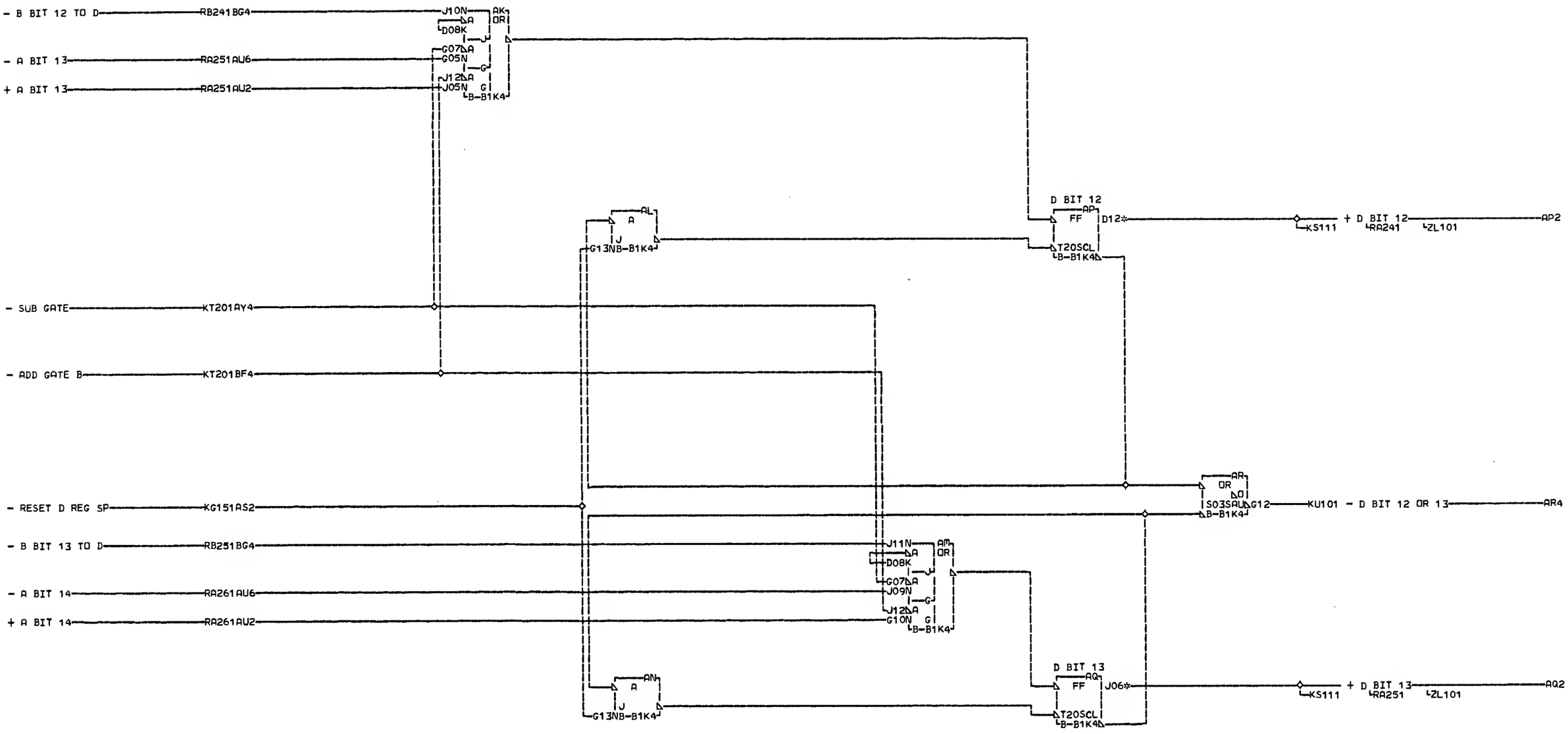

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AP2 B-B1N4B09
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AQ2 B-B1N4D10
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01B-A1N5D04

LOC• TYPE
B-B1K4 6255

D REGISTER
BITS 12 AND 13

—E•C•-HISTORY— MACH•1131-B

419631

FRAME 01

IBM CORP• GPD

DATE LAST EC
11-11-66 419644

P•N• 2231390

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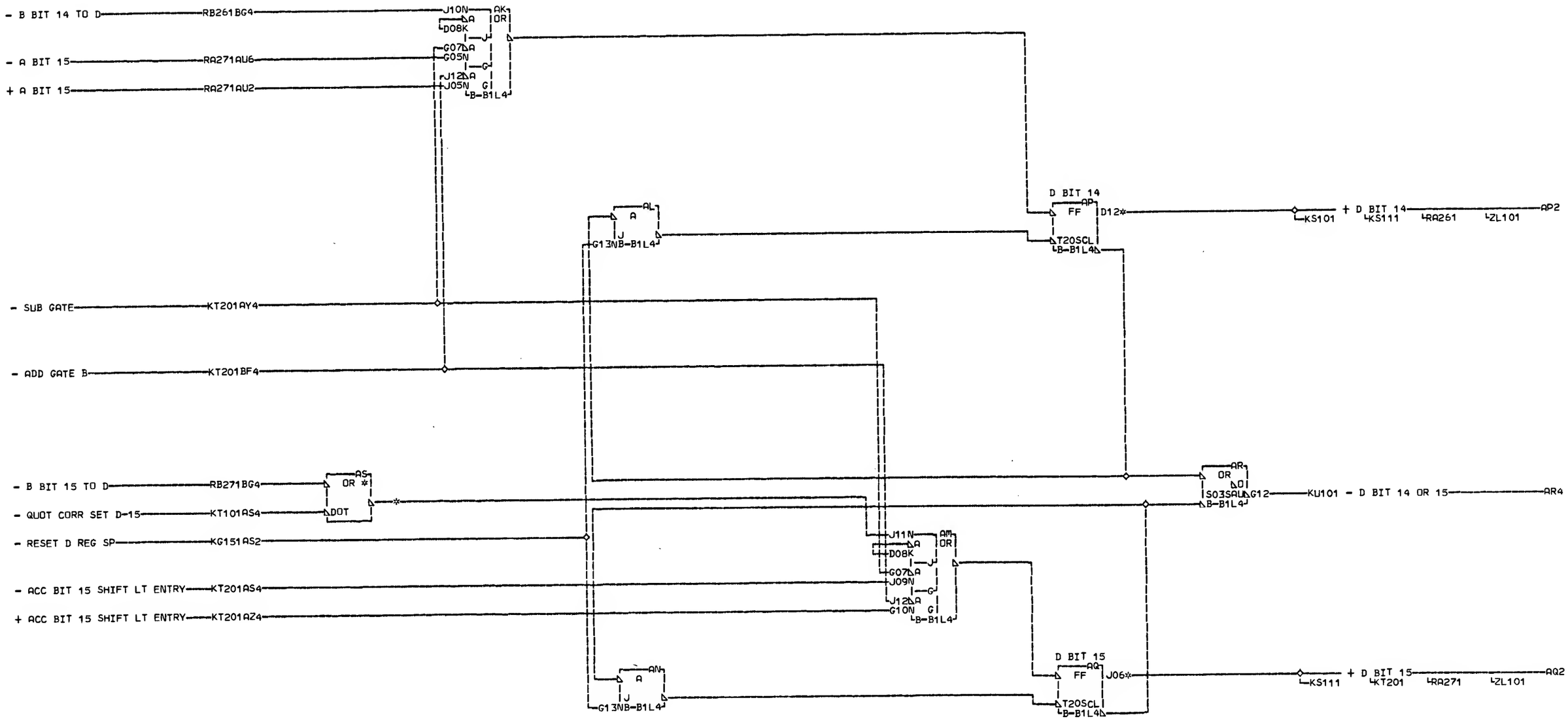

R
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AP2 B-B1N4B10
01B-B1A5B05
01B-A1N5B05
AQ2 B-B1N4D11
01B-B1A5D05
01B-A1N5D05
AS4 B-B1E1C11
01B-A1E1C11

LOC. TYPE
B-B1L4 6255

D REGISTER
BITS 14 AND 15

E.C. HISTORY
419631

MACH.1131-B

FRAME 01

IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231391

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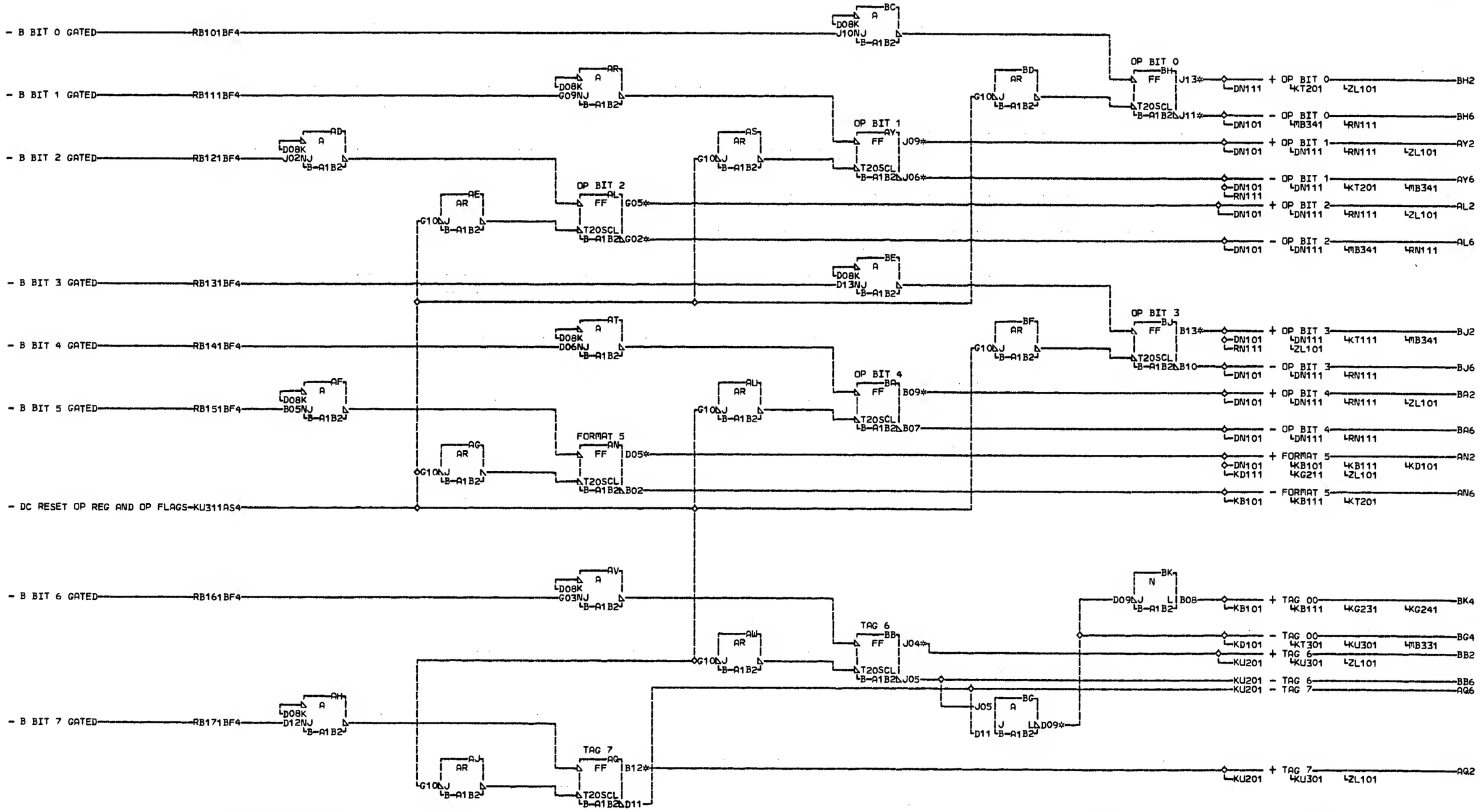

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AL6 B-A1L1C11 BG4 B-A1B1A11
01B-C1A5B05 01B-C1E1A11
AN2 B-A1A2D02 BH2 B-A1A2B02
AQ2 B-A1A2D05 BH6 B-A1L1A11
AY2 B-A1A2B03 01B-C1A5B03
AY6 B-A1L1B11 BJ2 B-A1A2B05
01B-C1A5B04 01B-A1L1E11
BA2 B-A1A2B07 01B-C1A5B07

LOC. TYPE
B-A1B2 4664

OP-FORMAT-TAG REGISTER

E.C.-HISTORY
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419644

MACH.1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
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P.N. 2231392

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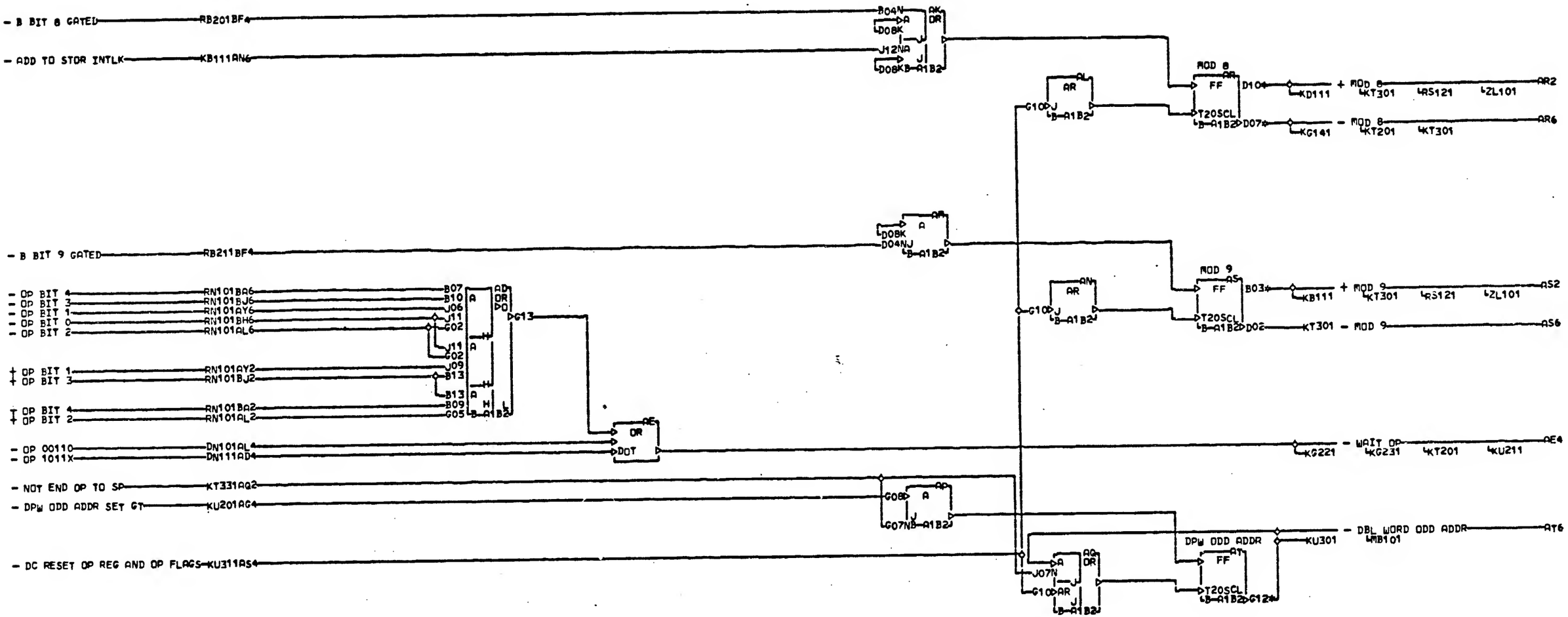

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AR6 B-A1N3B09
01B-B1A3B09
AS2 B-A1A2D07
AT6 B-A1M8B06
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LOC. TYPE
B-A1B2 4664

MOD 8 MOD 9 WAIT OP
DBL WORD ODD ADDR
E.C.-HISTORY
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
08-30-66 419631
P.N. 2231188

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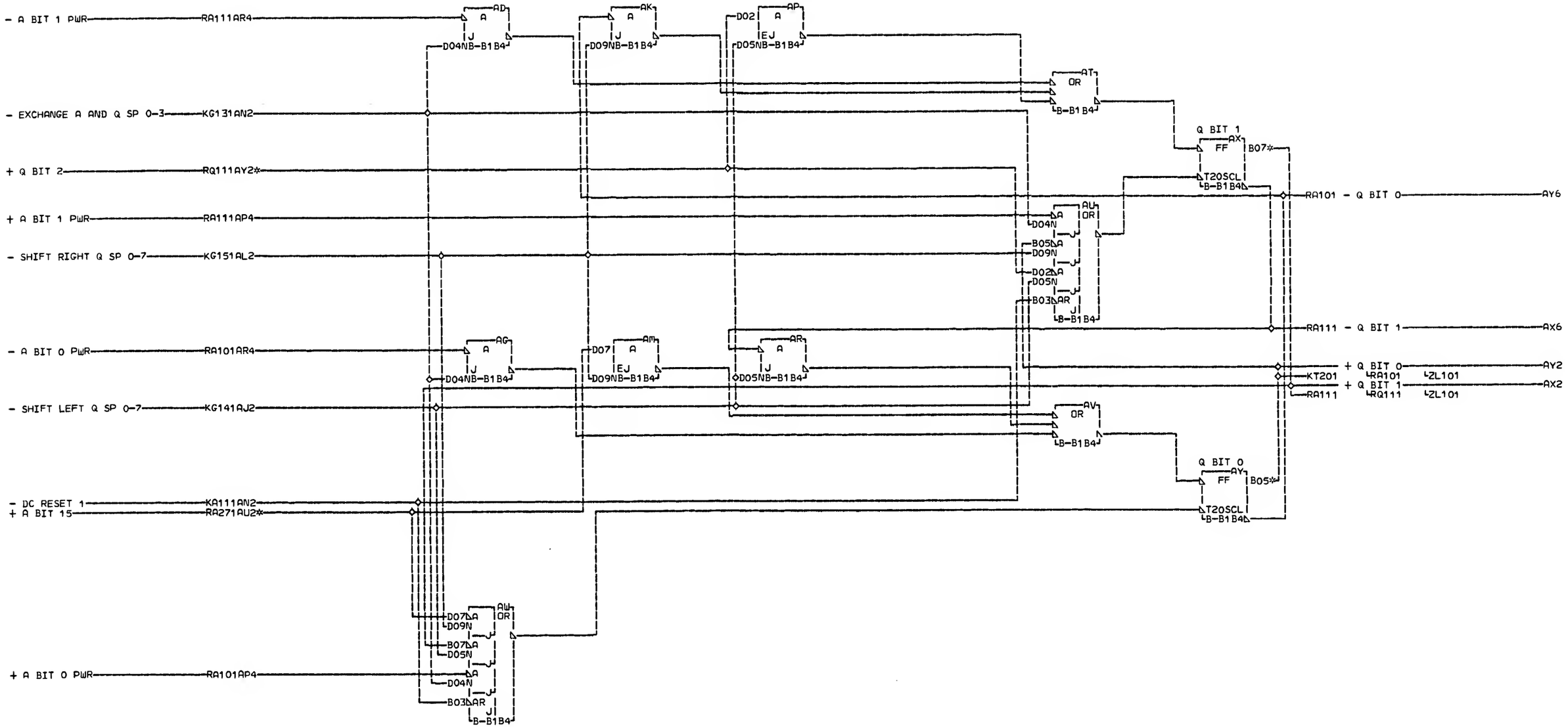

R
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RA271AU2 01B-A1N5B08
RESISTOR
B-B1B4D07
RQ111AY2
RESISTOR
B-B1B4D02
AX2 B-B1N3D02
AY2 B-B1N3B02
01B-B1A5B08

LOC. TYPE
B-B1B4 6255

Q REGISTER
BITS 0 AND 1

E.C.-HISTORY	MACH.1131-B	R
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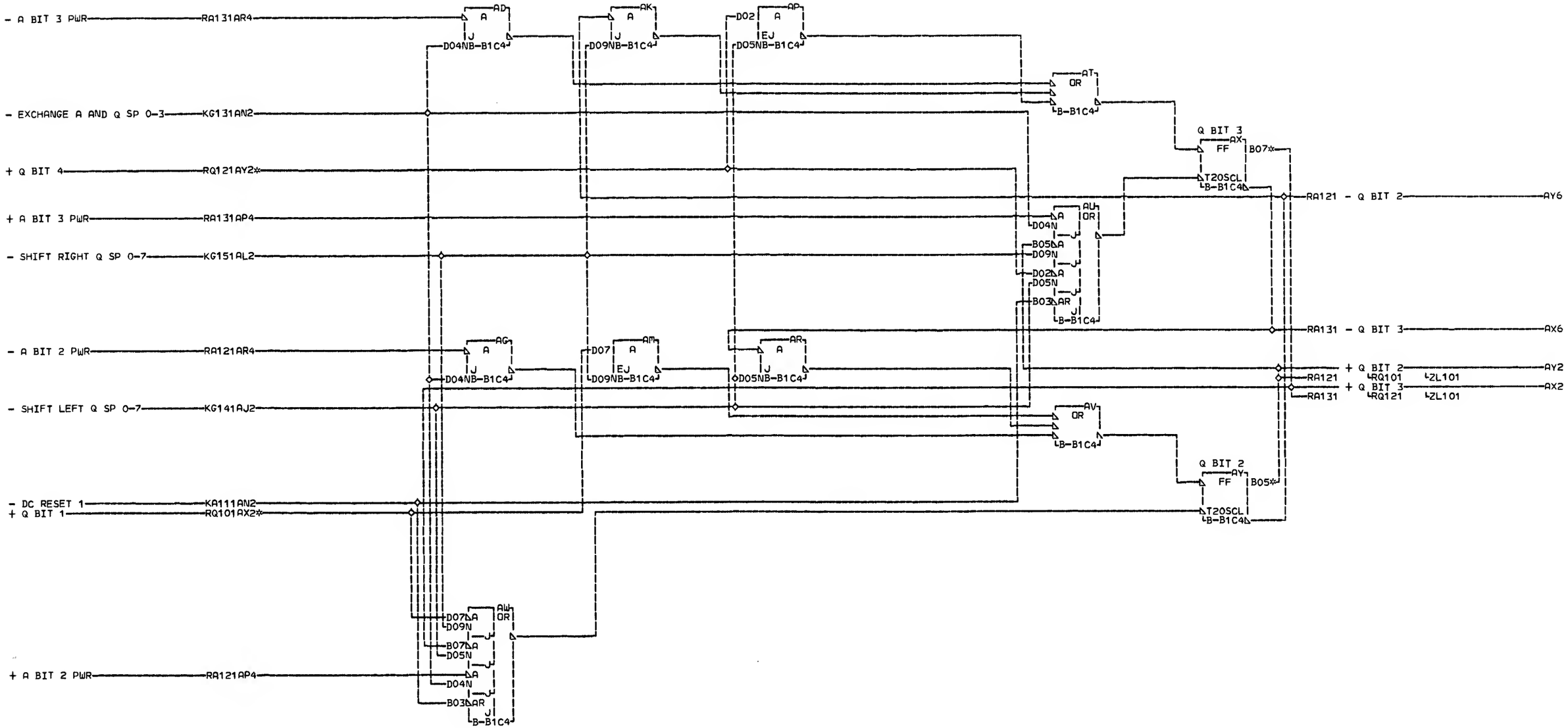
	IBM CORP. GPD	1
DATE LAST EC		000
11-11-66 419644	P.N. 2231393	



R
Q
1
1
1

000

RQ101AX2
RESISTOR
B-B1C4D07
RQ121AY2
RESISTOR
B-B1C4D02
AX2 B-B1N3D04
AY2 B-B1N3B03

LOC. TYPE
B-B1C4 6255

Q REGISTER
BITS 2 AND 3

E.C.-HISTORY
419631

MACH.1131-B

FRAME 01

IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231394

R
Q
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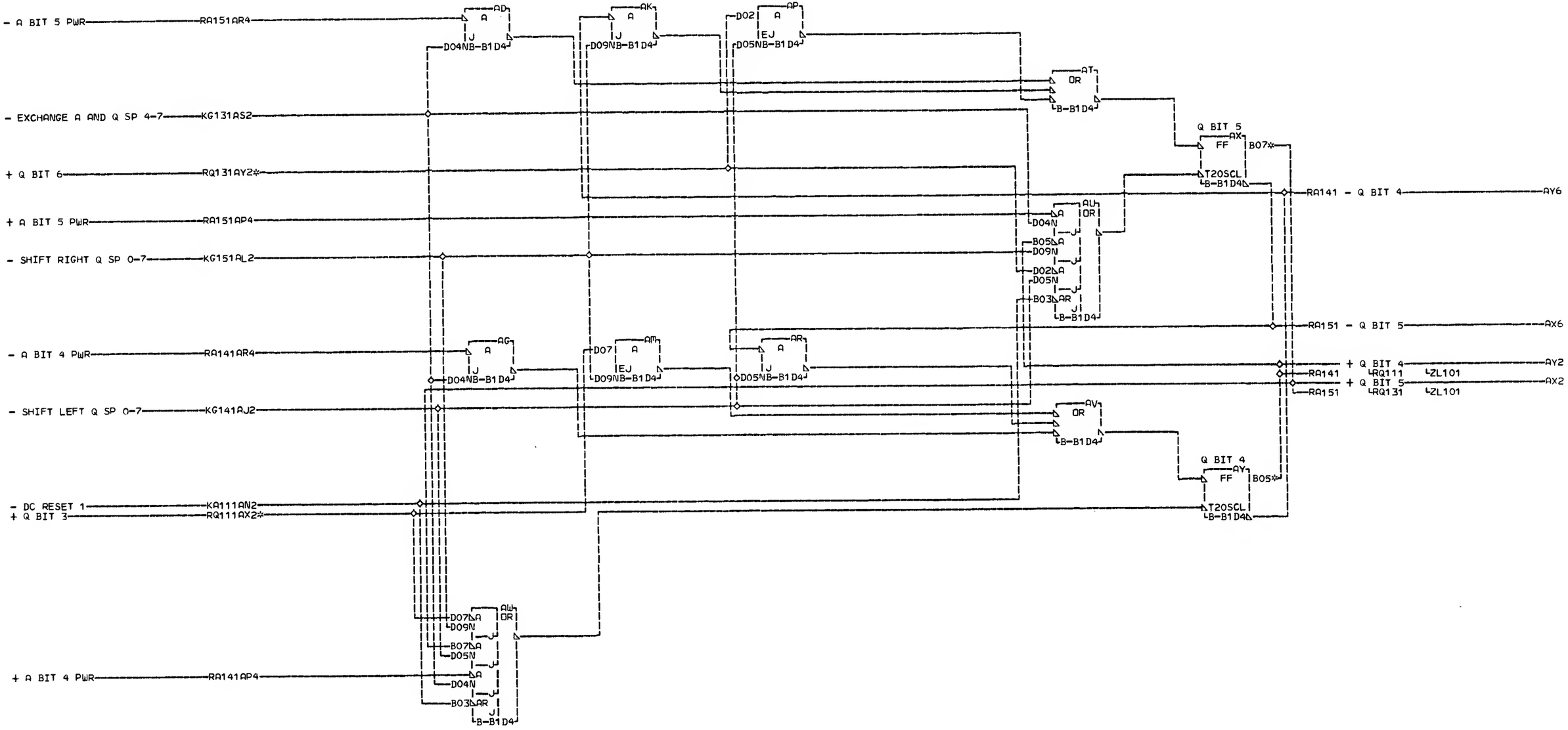


R
Q
1
2
1

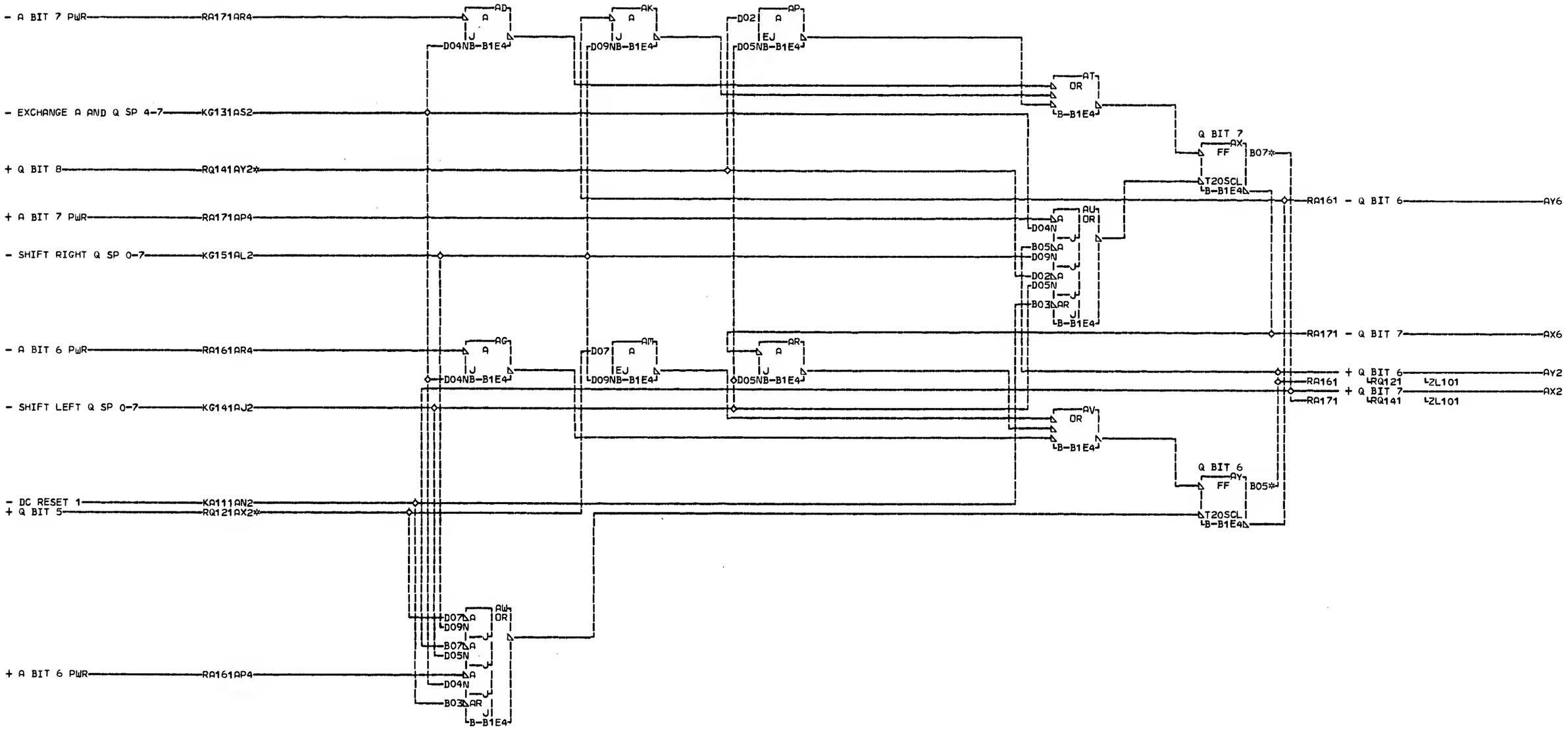
000

RQ111AX2
RESISTOR
B-B1D4D07
RQ131AY2
RESISTOR
B-B1D4D02
AX2 B-B1N3D05
AY2 B-B1N3B04

LOC. TYPE
B-B1D4 6255

Q REGISTER
BITS 4 AND 5

E.C.-HISTORY	MACH.1131-B	R Q 1 2 1
419631	FRAME 01	
	IBM CORP. GPD	000
DATE LAST EC	P.N. 2231395	
11-11-66 419644		



R
Q
1
3
1

000

RQ121AX2
RESISTOR
B-B1E4D07
RQ141AY2
RESISTOR
B-B1E4D02
AX2 B-B1N3D06
AY2 B-B1N3B05

LOC. TYPE
B-B1E4 6255

Q REGISTER
BITS 6 AND 7

E.C. HISTORY
419631

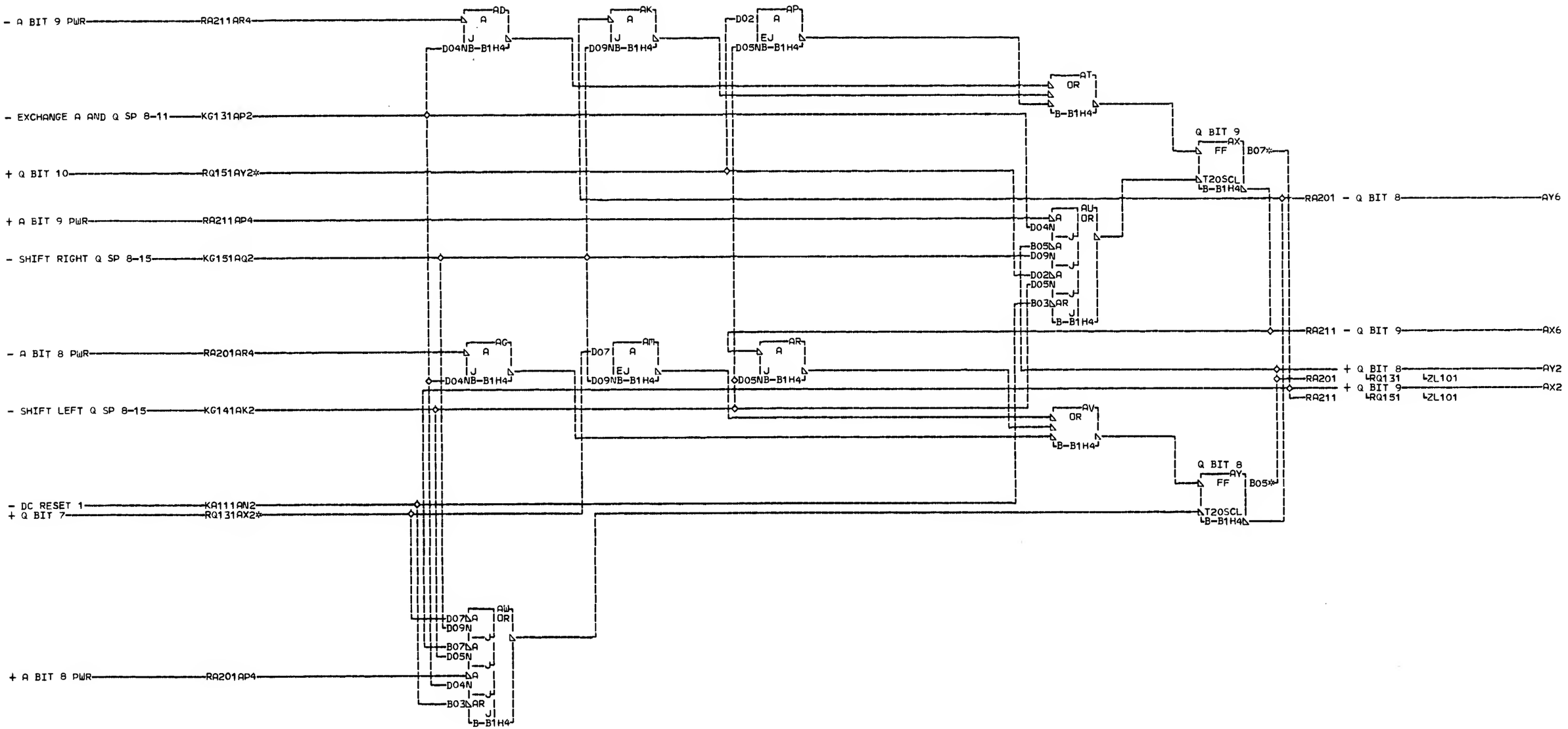
MACH.1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231396

R
Q
1
3
1

000



R
Q
1
4
1

000

RQ131AX2
RESISTOR
B-B1H4D07
RQ151AY2
RESISTOR
B-B1H4D02
AX2 B-B1N3D07
AY2 B-B1N3B07

LOC. TYPE
B-B1H4 6255

Q REGISTER
BITS 8 AND 9

E.C.-HISTORY
419631

MACH.1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231397

R
Q
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1

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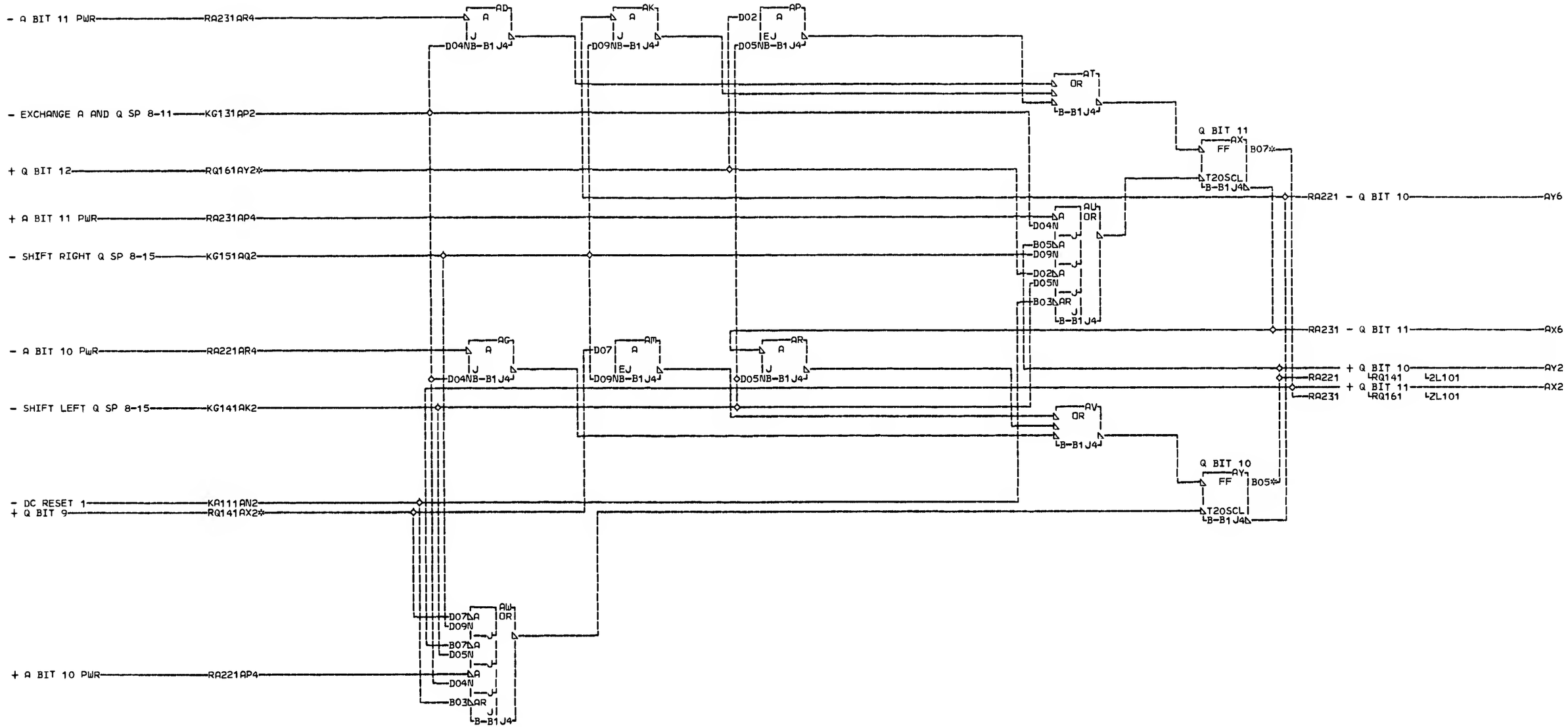

R
Q
1
5
1

000

RQ141AX2
RESISTOR
B-B1J4D07
RQ161AY2
RESISTOR
B-B1J4D02
AX2 B-B1N3D09
AY2 B-B1N3B08

LOC. TYPE
B-B1J4 6255

Q REGISTER
BITS 10 AND 11
E.C.-HISTORY
419631
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
11-11-66 419644
P.N. 2231398

R
Q
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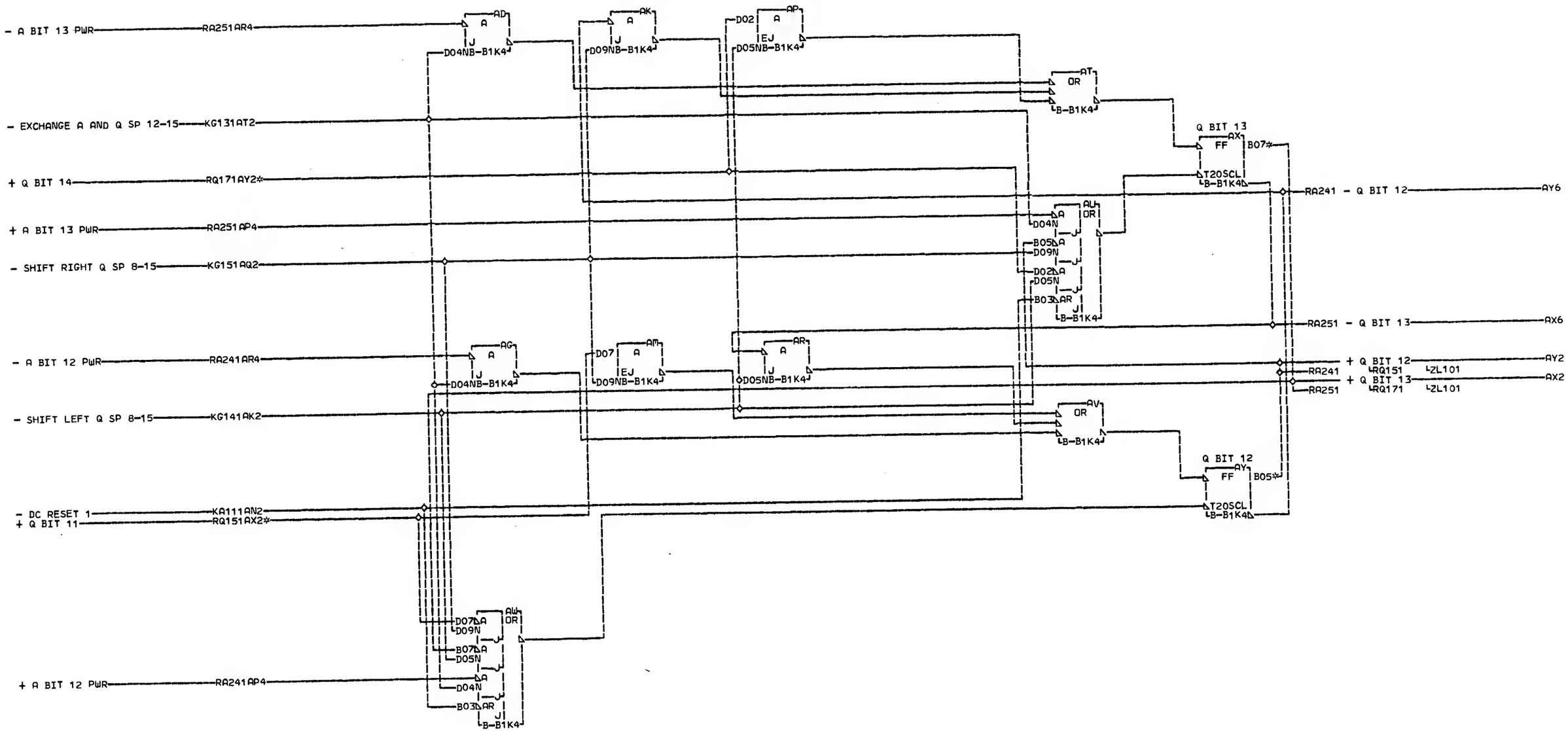
5
1

000



R
Q
1
6
1

000

RQ151AX2
RESISTOR
B-B1K4D07
RQ171AY2
RESISTOR
B-B1K4D02
AX2 B-B1N3D10
AY2 B-B1N3B09

LOC. TYPE
B-B1K4 6255

Q REGISTER
BITS 12 AND 13

E.C.-HISTORY
419631

DATE LAST EC
11-11-66 419644

MACH.1131-B
FRAME 01
IBM CORP. GPD
P.N. 2231399

R
Q
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6
1

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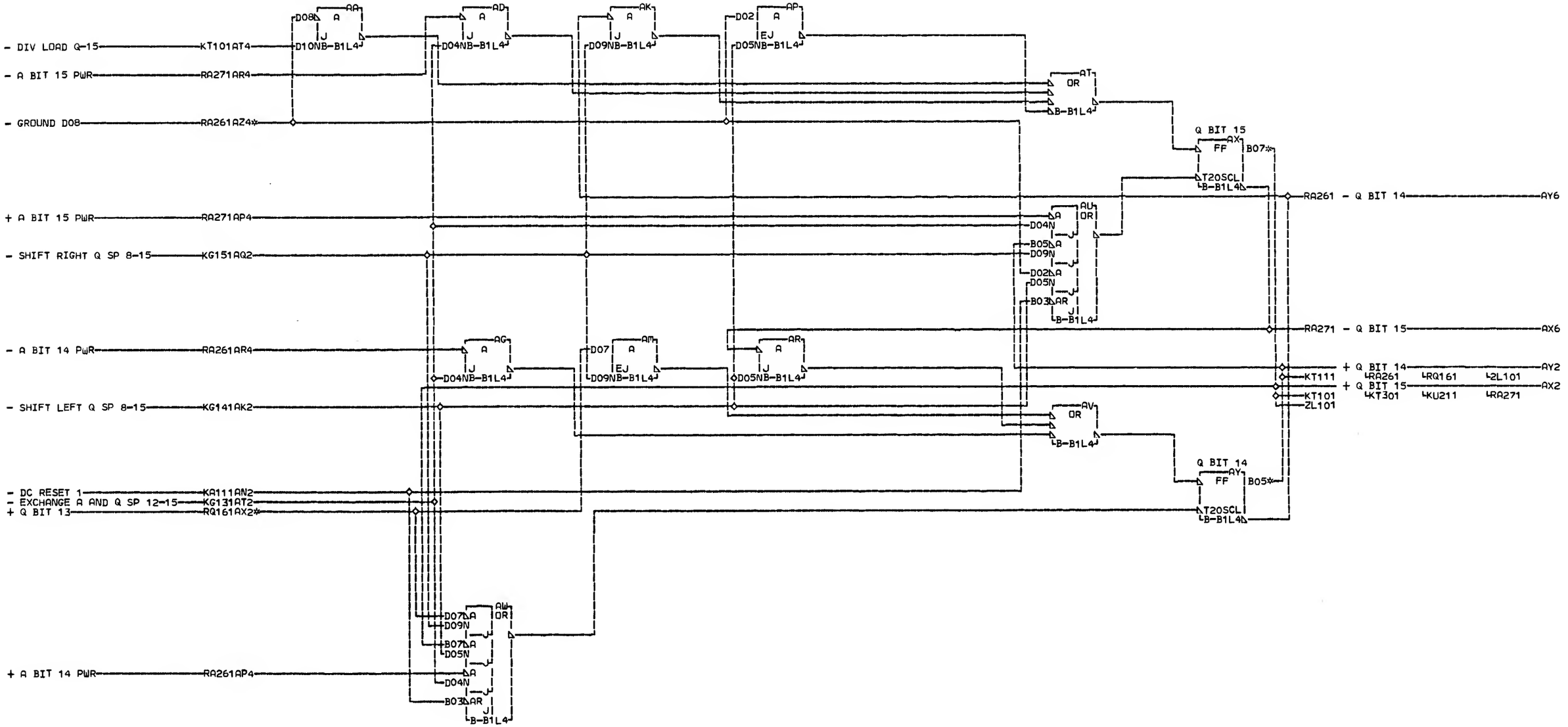


R
Q
1
7
1

000

RA261AZ4 AY2 B-B1N3B10
RESISTOR 01B-B1A5B09
B-B1L4D02 01B-A1N5B09
RQ161AX2
RESISTOR
B-B1L4D07
AX2 B-B1N3D11
01B-B1A5D09
01B-A1N5D09

LOC. TYPE
B-B1L4 6255

Q REGISTER
BITS 14 AND 15

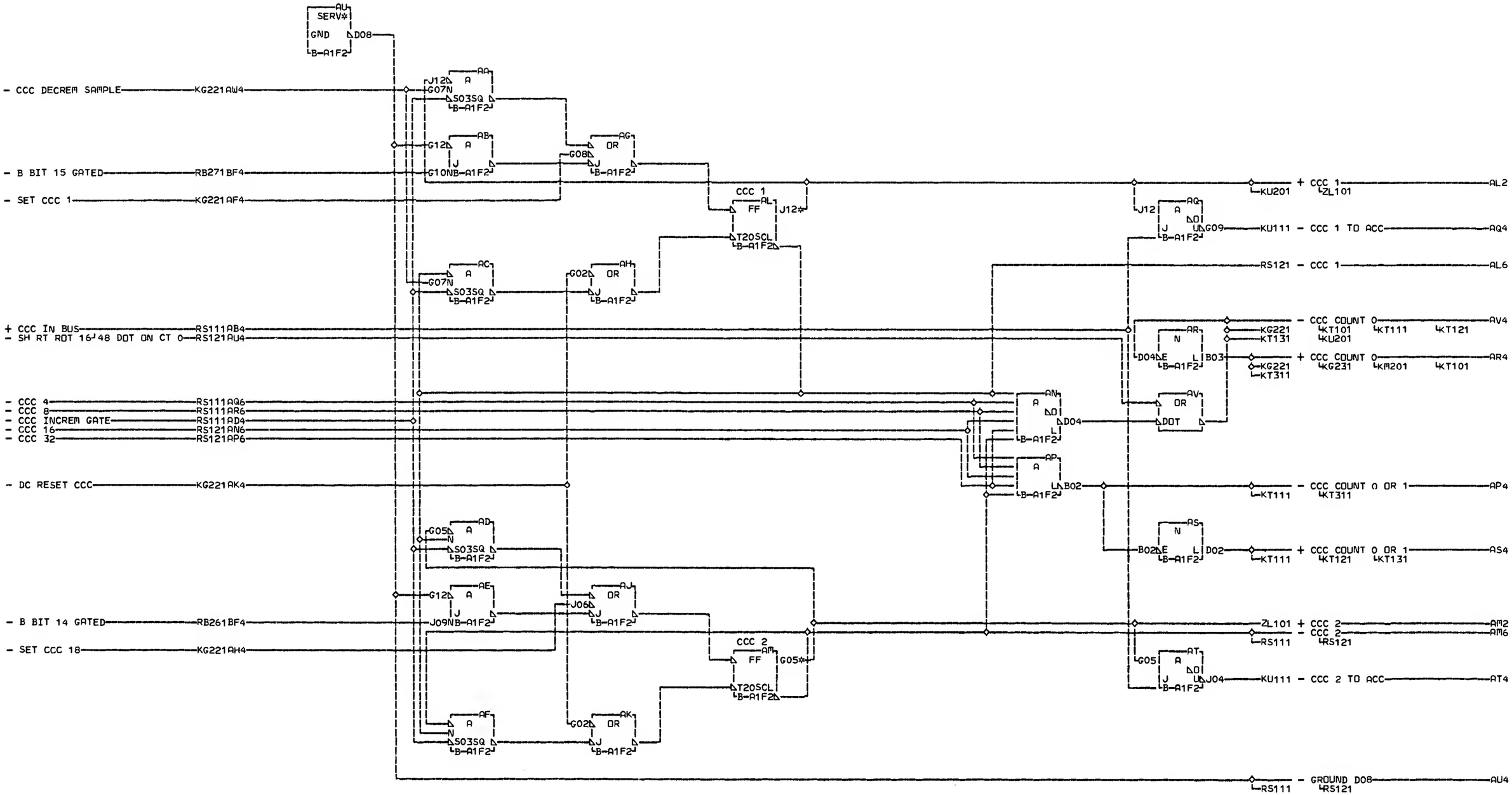
E.C.-HISTORY
419631

MACH.1131-B
FRAME 01
IBM CORP. GPD
P.N. 2231400

DATE LAST EC
11-11-66 419644

R
Q
1
7
1

000



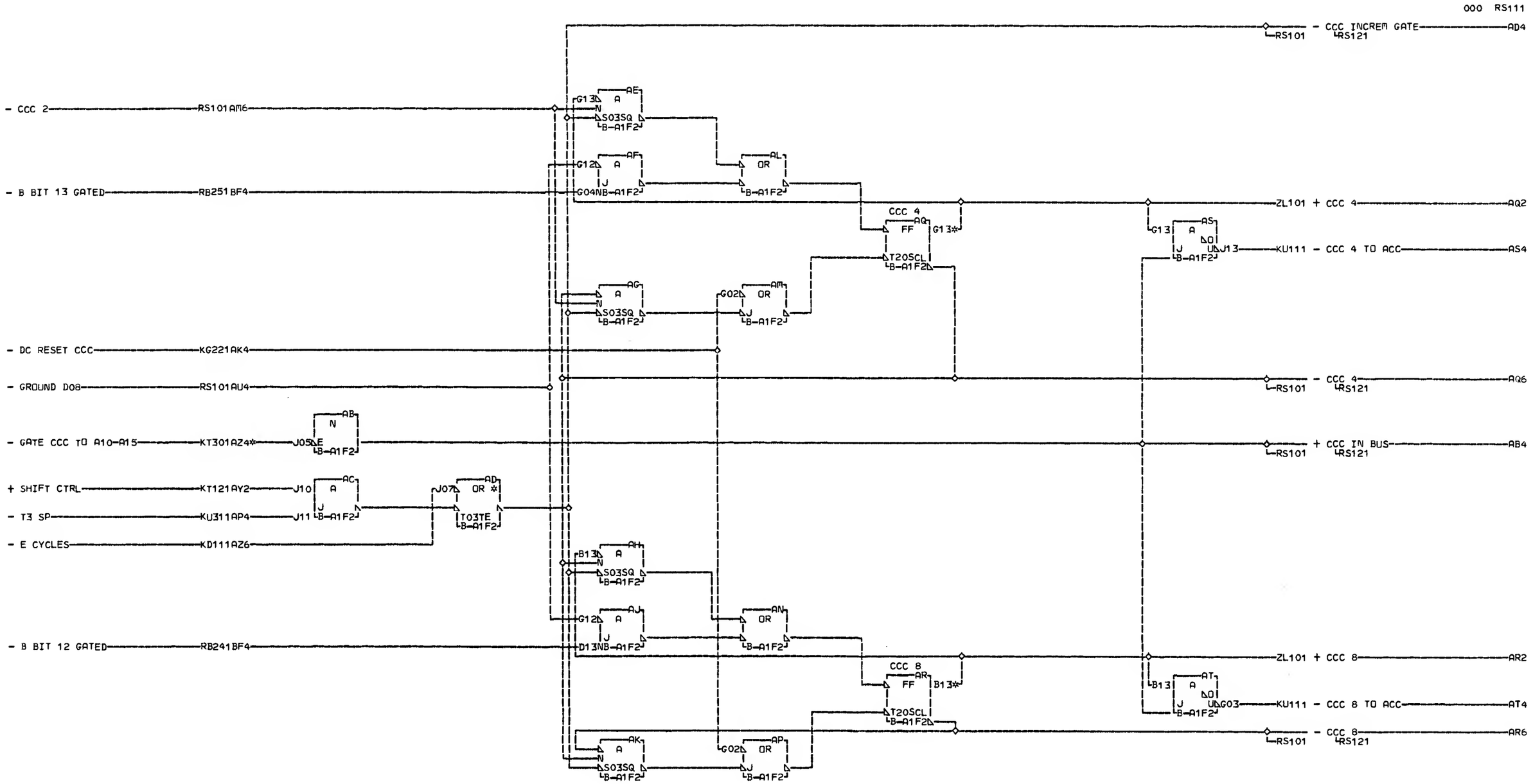
AL2 B-A1A2B08
AM2 B-A1A2B09

LOC. TYPE
B-A1F2 6257

CYCLE CONTROL COUNTER 1 - 2

E.C.-HISTORY 419631
DATE LAST EC 11-11-66 419644
MACH.1131-B
FRAME 01
IBM CORP. GPD
P.N. 2231401

RS101 000

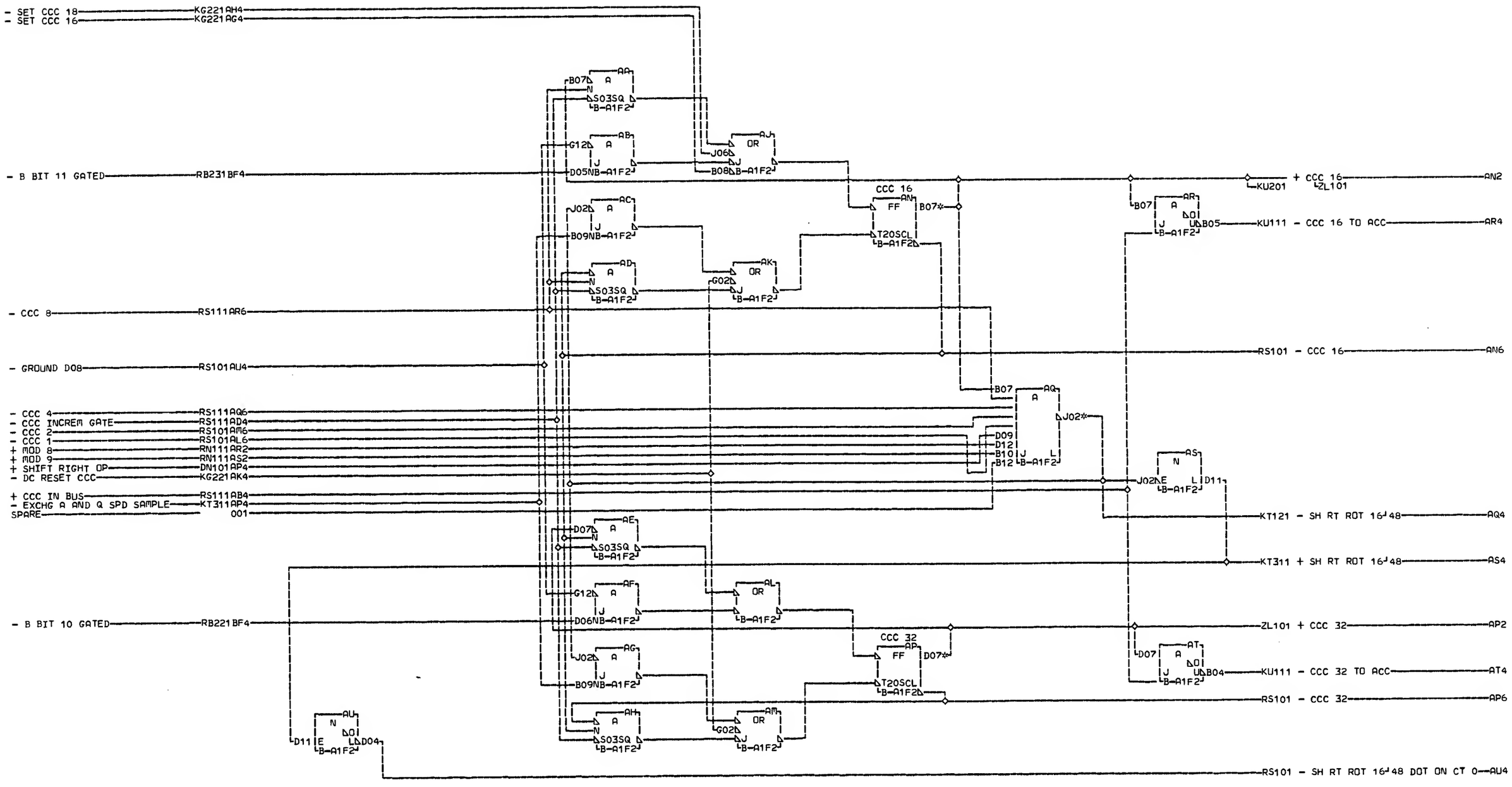


KT301AZ4
RESISTOR
B-A1F2J05
AQ2 B-A1A2B10
AR2 B-A1A2D09

LOC. TYPE
B-A1F2 6257

CYCLE CONTROL COUNTER 4 - 8
E.C.-HISTORY 419631
MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE 11-11-66
LAST EC 419644
P.N. 2231402

R S 1 1 1 000



AN2 B-A1A2D10
AP2 B-A1A2D11
AQ4 RESISTOR
B-A1F2J02

LOC. TYPE
B-A1F2 6257

CYCLE CONTROL COUNTER 16 - 32		
E.C. HISTORY	MACH.1131-B	RS121
419631	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC	P.N. 2231403	000
11-11-66 419644		

RS121 000

- CPU CLOCK T-0	FA101AN4	AA EXIT* FROM CPU TO CHAN	- CPU CLOCK T-0	AA1
- CPU CLOCK T-2	FA101AP4		- CPU CLOCK T-2	AA2
- CPU CLOCK T-4	FA101AQ4		- CPU CLOCK T-4	AA3
- CPU CLOCK T-6	FA101AR4		- CPU CLOCK T-6	AA4
- PHASE A	FA101AW4		- OSCILLATOR PHASE A	AA5
- CPU METER OUT	FA181BR4		- CPU METER OUT	AA6
- CPU CLOCK OUT	KW101AV4	AB EXIT* FROM CPU TO CHAN	- CPU CLOCK OUT	AB1
- XIO E-1	FA101AZ4		- XIO E-1 CYCLE	AB2
+ CPU PARITY STOP	FA181BQ4		+ CPU PARITY STOP	AB3
- DC RESET	FA101AX4		- CHANNEL RESET	AB4
+ INTERRUPT LEVEL 2	FA111AV4		+ INTERRUPT LVL 2	AB5
+ INTERRUPT LEVEL 3	FA111AW4		+ INTERRUPT LVL 3	AB6
+ INTERRUPT LEVEL 4	FA121AV4	AC EXIT* FROM CPU TO CHAN	+ INTERRUPT LVL 4	AC1
+ INTERRUPT LEVEL 5	FA121AW4		+ INTERRUPT LVL 5	AC2
- CS CLOCK X-0	FA101AS4		- CS CLOCK X-0	AC3
- CS CLOCK X-2	FA101AT4		- CS CLOCK X-2	AC4
- CS CLOCK X-4	FA101AU4		- CS CLOCK X-4	AC5
- CS CLOCK X-6	FA101AV4		- CS CLOCK X-6	AC6
- CS LEVEL 1	FA101AY4	AD EXIT* FROM CPU TO CHAN	- CYCLE STEAL LVL 1	AD1
- INHIBIT CS REQUEST	FA191AX4		- INHIBIT CS REQUEST	AD2
- CHAN DATA OUT BIT 0	FA111AJ4		- CHAN DATA OUT BIT 0	AD3
- CHAN DATA OUT BIT 1	FA111AK4		- CHAN DATA OUT BIT 1	AD4
- CHAN DATA OUT BIT 2	FA111AL4		- CHAN DATA OUT BIT 2	AD5
- CHAN DATA OUT BIT 3	FA111AM4		- CHAN DATA OUT BIT 3	AD6
- CHAN DATA OUT BIT 4	FA111AN4	AE EXIT* FROM CPU TO CHAN	- CHAN DATA OUT BIT 4	AE1
- CHAN DATA OUT BIT 5	FA111AP4		- CHAN DATA OUT BIT 5	AE2
- CHAN DATA OUT BIT 6	FA111AQ4		- CHAN DATA OUT BIT 6	AE3
- CHAN DATA OUT BIT 7	FA111AR4		- CHAN DATA OUT BIT 7	AE4
- CHAN DATA OUT BIT 8	FA121AJ4		- CHAN DATA OUT BIT 8	AE5
- CHAN DATA OUT BIT 9	FA121AK4		- CHAN DATA OUT BIT 9	AE6
- CHAN DATA OUT BIT 10	FA121AL4	AF EXIT* FROM CPU TO CHAN	- CHAN DATA OUT BIT 10	AF1
- CHAN DATA OUT BIT 11	FA121AM4		- CHAN DATA OUT BIT 11	AF2
- CHAN DATA OUT BIT 12	FA121AN4		- CHAN DATA OUT BIT 12	AF3
- CHAN DATA OUT BIT 13	FA121AP4		- CHAN DATA OUT BIT 13	AF4
- CHAN DATA OUT BIT 14	FA121AQ4		- CHAN DATA OUT BIT 14	AF5
- CHAN DATA OUT BIT 15	FA121AR4		- CHAN DATA OUT BIT 15	AF6

+ CHAN DATA IN BIT 0	001	AG ENTR* FROM CHAN TO CPU	FA151	+ CHAN DATA IN BIT 0	AG2
+ CHAN DATA IN BIT 1	002		FA151	+ CHAN DATA IN BIT 1	AG3
+ CHAN DATA IN BIT 2	003		FA151	+ CHAN DATA IN BIT 2	AG4
+ CHAN DATA IN BIT 3	004		FA151	+ CHAN DATA IN BIT 3	AG5
+ CHAN DATA IN BIT 4	005		FA151	+ CHAN DATA IN BIT 4	AG6
+ CHAN DATA IN BIT 5	006	AH ENTR* FROM CHAN TO CPU	FA151	+ CHAN DATA IN BIT 5	AH1
+ CHAN DATA IN BIT 6	007		FA151	+ CHAN DATA IN BIT 6	AH2
+ CHAN DATA IN BIT 7	008		FA151	+ CHAN DATA IN BIT 7	AH3
+ CHAN DATA IN BIT 8	009		FA161	+ CHAN DATA IN BIT 8	AH4
+ CHAN DATA IN BIT 9	010		FA161	+ CHAN DATA IN BIT 9	AH5
+ CHAN DATA IN BIT 10	011		FA161	+ CHAN DATA IN BIT 10	AH6
+ CHAN DATA IN BIT 11	012	AJ ENTR* FROM CHAN TO CPU	FA161	+ CHAN DATA IN BIT 11	AJ1
+ CHAN DATA IN BIT 12	013		FA161	+ CHAN DATA IN BIT 12	AJ2
+ CHAN DATA IN BIT 13	014		FA161	+ CHAN DATA IN BIT 13	AJ3
+ CHAN DATA IN BIT 14	015		FA161	+ CHAN DATA IN BIT 14	AJ4
+ CHAN DATA IN BIT 15	016		FA161	+ CHAN DATA IN BIT 15	AJ5
- METER IN	017		KW101	- METER IN	AJ6
- ADVANCE IO ENTRY	018	AK ENTR* FROM CHAN TO CPU	FA201	- ADVANCE IO ENTRY	AK1
- CHAN CYCLE STEAL REQ	019		FA181	- CHAN CYCLE STEAL REQ	AK2
- CHAN WRITE GATE	020		FA181	- CHAN WRITE GATE	AK3
- BLOCK CLOCK ADV	021		FA181	- BLOCK CLOCK ADV	AK4
- INTERRUPT REQ LVL 2	022		FA181	- INTERRUPT REQ LVL 2	AK5
- INTERRUPT REQ LVL 3	023		FA181	- INTERRUPT REQ LVL 3	AK6
- INTERRUPT REQ LVL 4	024	AL ENTR* FROM CHAN TO CPU	FA181	- INTERRUPT REQ LVL 4	AL1
- INTERRUPT REQ LVL 5	025		FA181	- INTERRUPT REQ LVL 5	AL2
+ CHAN ADDR BIT 0	026		FA131	+ CHAN ADDR BIT 0	AL3
+ CHAN ADDR BIT 1	027		FA131	+ CHAN ADDR BIT 1	AL4
+ CHAN ADDR BIT 2	028		FA131	+ CHAN ADDR BIT 2	AL5
+ CHAN ADDR BIT 3	029		FA131	+ CHAN ADDR BIT 3	AL6
+ CHAN ADDR BIT 4	030	AM ENTR* FROM CHAN TO CPU	FA131	+ CHAN ADDR BIT 4	AM1
+ CHAN ADDR BIT 5	031		FA131	+ CHAN ADDR BIT 5	AM2
+ CHAN ADDR BIT 6	032		FA131	+ CHAN ADDR BIT 6	AM3
+ CHAN ADDR BIT 7	033		FA131	+ CHAN ADDR BIT 7	AM4
+ CHAN ADDR BIT 8	034		FA141	+ CHAN ADDR BIT 8	AM5
+ CHAN ADDR BIT 9	035		FA141	+ CHAN ADDR BIT 9	AM6
+ CHAN ADDR BIT 10	036	AN ENTR* FROM CHAN TO CPU	FA141	+ CHAN ADDR BIT 10	AN1
+ CHAN ADDR BIT 11	037		FA141	+ CHAN ADDR BIT 11	AN2
+ CHAN ADDR BIT 12	038		FA141	+ CHAN ADDR BIT 12	AN3
+ CHAN ADDR BIT 13	039		FA141	+ CHAN ADDR BIT 13	AN4
+ CHAN ADDR BIT 14	100		FA141	+ CHAN ADDR BIT 14	AN5
+ CHAN ADDR BIT 15	101		FA141	+ CHAN ADDR BIT 15	AN6

NOTE WHEN THE 1133 IS ATTACHED THE ABOVE SIGNALS WILL BE SHOWN ON PAGE WA200 OF THE 1133 LOGICS.

W A 2 0 1

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STORAGE ACCESS CHANNEL INTERFACE

E.C. HISTORY — MACH. 1131-B

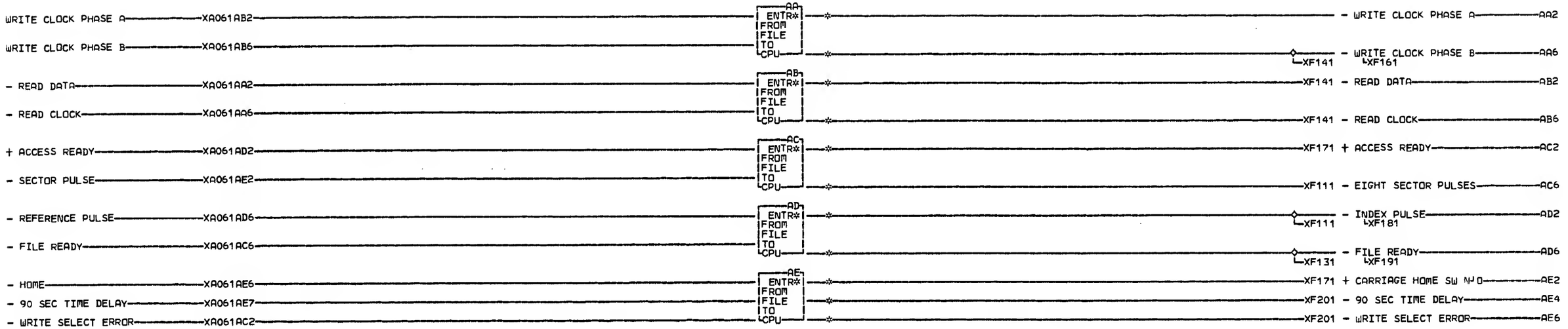
FRAME 01

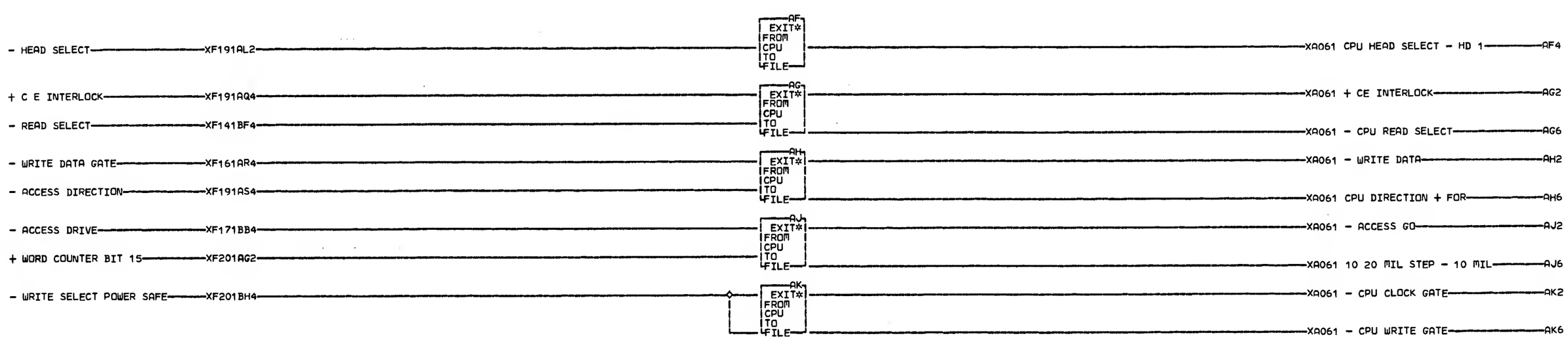
IBM CORP. SDD

DATE LAST EC
06-23-67 419664

P.N. 2231988

W A 2 0 1 000





WF391
000

AA2 A-C1N7D05 AE4 A-C1N7D12
AA6 A-C1N7B05 AE6 A-C1N7B08
AB2 A-C1N7B03
AB6 A-C1N7D02
AC2 A-C1N7B07
AC6 A-C1N7D06
AD2 A-C1N7B12
AD6 A-C1N7D13
AE2 A-C1N7B02

FILE - PROCESSOR INTERFACE

E.C. HISTORY	MACH 1131-B	WF391
419631		
419648	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC	P.N. 2231404	000
06-23-67 419664		

+ STORAGE READ CYCLE	MB331AP4	AA EXIT* TO STOR	SA111	+ READ CYCLE SD111	AA4
+ STORAGE WRITE CYCLE	MB331AQ4	AB EXIT* TO STOR	SA111	+ WRITE CYCLE SD111	AB4
+ STORAGE USE	MB331AR4	AC EXIT* TO STOR	SA111	+ STORAGE USE SD111	AC4
+ STORAGE SELECT SJ-2 ONLY	MB331AH4	AD EXIT* TO STOR	SA111	+ STORAGE SELECT	AD4
		AL EXIT* TO STOR	SA111	+ ADDRESS REGISTER BIT AUX SD331	AL4
- SAR AUX	MB331BE4	AE EXIT* TO STOR	SA111	- ADDRESS REGISTER BIT AUX SD331	AE4
+ SAR 1	MB311AG4	AH EXIT* TO STOR	SA111	+ ADDRESS REGISTER BIT 1 SD331	AH4
- SAR 1 - CPU GROUND	MB311AH4 MB331BF4	AJ EXIT* TO STOR	SA111	- ADDRESS REGISTER BIT 1 SD331	AJ4
+ SAR 2	MB311AL4	AF EXIT* TO STOR	SA111	+ ADDRESS REGISTER BIT 2 SD331	AF4
- SAR 2	MB311AM4	AG EXIT* TO STOR	SA111	- ADDRESS REGISTER BIT 2 SD331	AG4
		AR EXIT* TO STOR	SA111	- GROUND TO STORAGE	AR4
	007	AK ENTR* FROM STOR		NOT USED	AK4
	008	AM ENTR* FROM STOR		NOT USED	AM4

NOTE USE SA PG. NOS. FOR 2 US STORAGE AND SD PG. NOS. FOR 4 US STORAGE.

WZ011

000

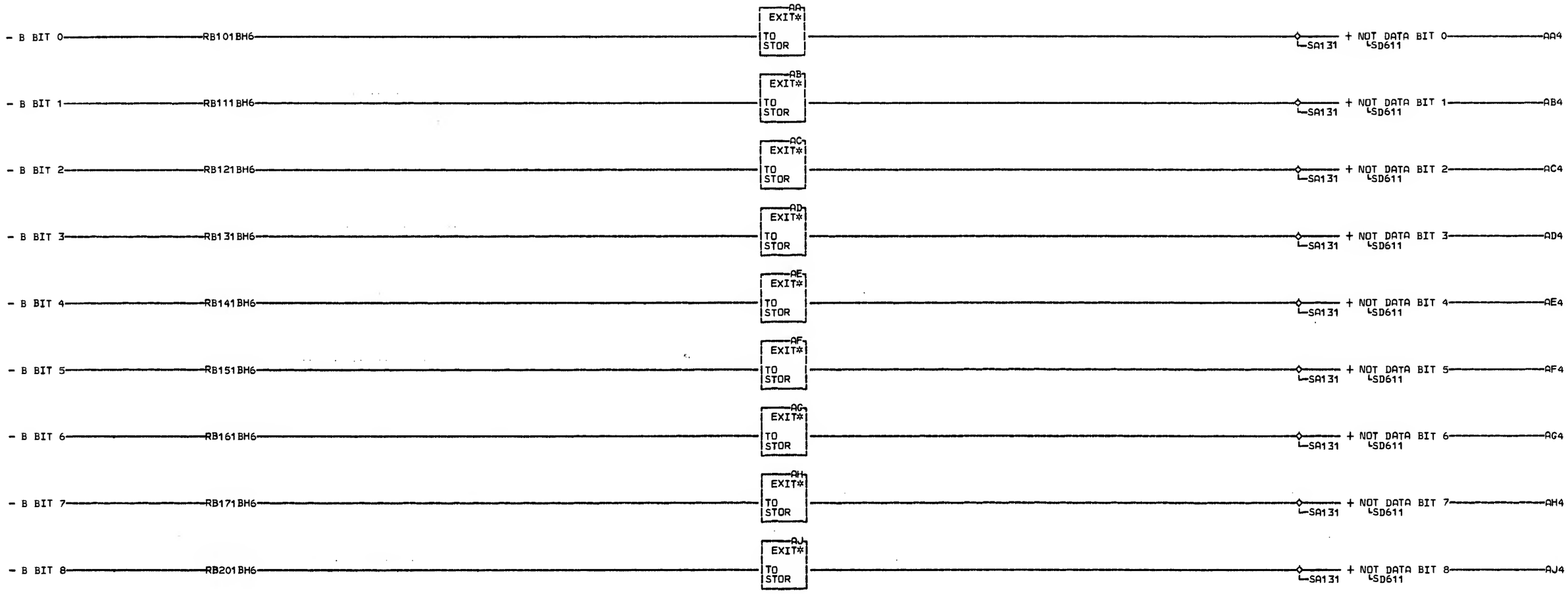
SJ-2 OR SJ-4 STORAGE INTERFACE		
E.C.-HISTORY	MACH.1131-B	WZ011
419631		
419644	FRAME 01	
419644A		
419664	IBM CORP. GPD	
DATE LAST EC		000
01-24-69 419695	P.N. 2231405	

- SAR 15	MB321AR4	AA EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 15	AA4 SD311
- SAR 14	MB321AQ4	AB EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 14	AB4 SD311
- SAR 13	MB321AP4	AC EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 13	AC4 SD311
- SAR 12	MB321AN4	AD EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 12	AD4 SD311
- SAR 11	MB321AM4	AE EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 11	AE4 SD311
- SAR 10	MB321AL4	AF EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 10	AF4 SD311
- SAR 9	MB321AK4	AG EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 9	AG4 SD321
- SAR 8	MB321AJ4	AH EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 8	AH4 SD321
- SAR 7	MB321AH4	AJ EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 7	AJ4 SD321
- SAR 6	MB311AP4	AK EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 6	AK4 SD321
- SAR 5	MB311AK4	AL EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 5	AL4 SD321
- SAR 4	MB311AJ4	AM EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 4	AM4 SD321
- SAR 3	MB311AN4	AN EXIT* TO STOR	SA121	- ADDRESS REGISTER BIT 3	AN4 SD331

NOTE USE SA PG. NOS. FOR 2 US STORAGE AND SD PG. NOS. FOR 4 US STORAGE.

ZONE 1 000

SJ-2 OR SJ-4 STORAGE INTERFACE		ZONE 021 000
E.C. HISTORY	MACH. 1131-B	
419631	FRAME 01	
419644		
419644A	IBM CORP. GPD	
DATE LAST EC	P.N. 2231202	
06-23-67 419664		



NOTE USE SA PG. NOS. FOR 2 US
STORAGE AND SD PG. NOS. FOR
4 US STORAGE.

WZ031
000

SJ-2 OR SJ-4 STORAGE INTERFACE

E.C. HISTORY
419631
419644
419644A

DATE LAST EC
06-23-67 419664

MACH. 1131-B

FRAME 01

IBM CORP. GPD

P.N. 2231406

WZ031
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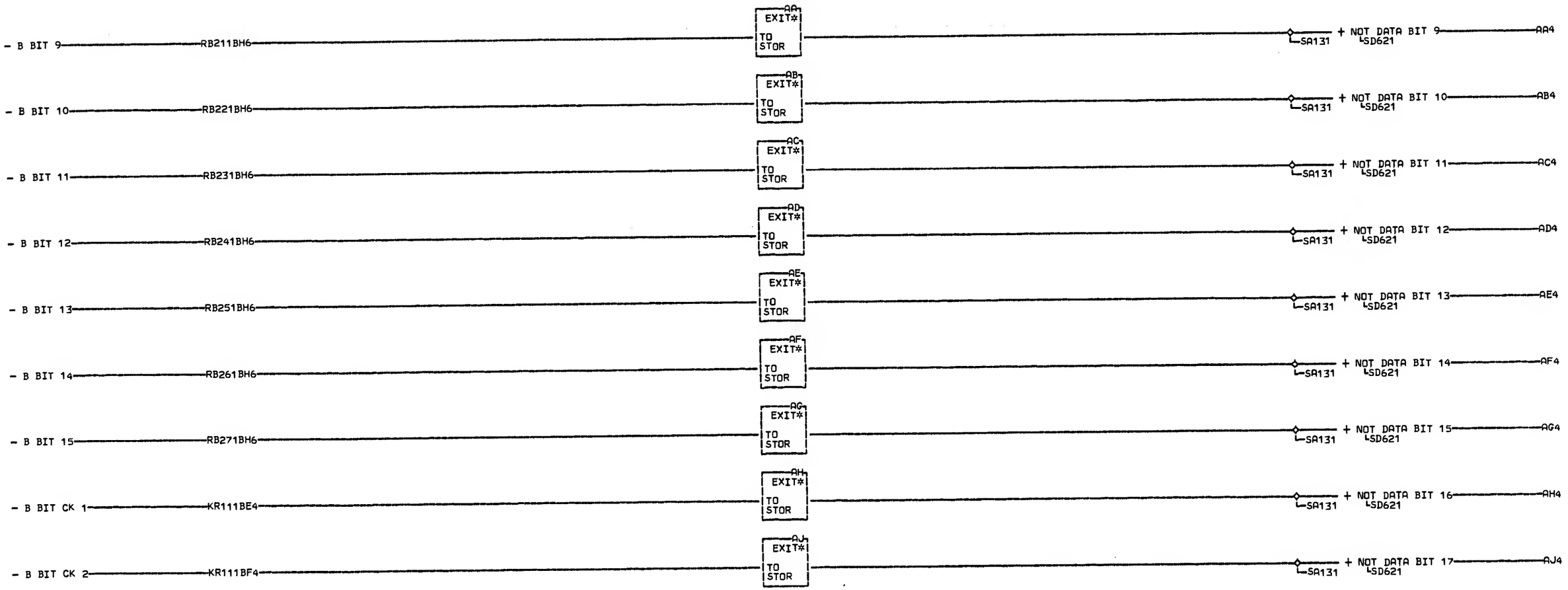
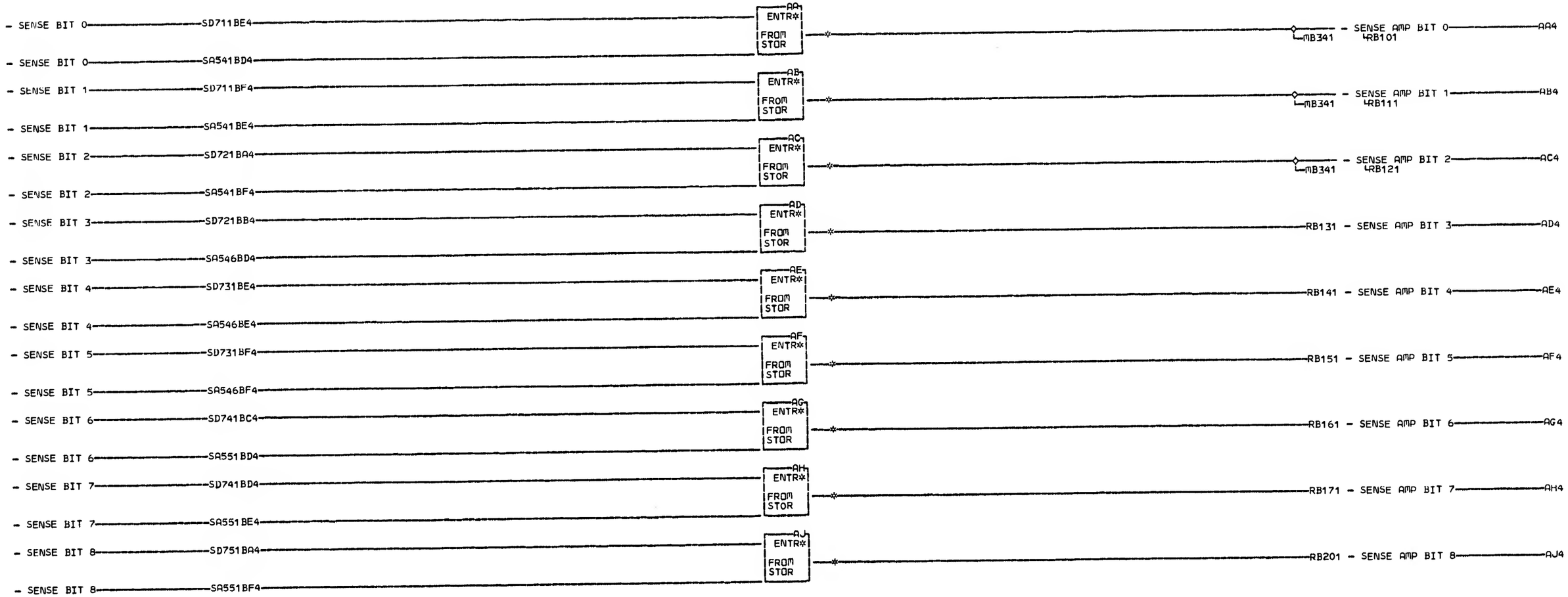


NOTE USE SA PG. NOS. FOR 2 US
STORAGE AND SD PG. NOS. FOR
4 US STORAGE.

WZ041
000

SJ-2 OR SJ-4 STORAGE INTERFACE	
E.C.-HISTORY	MACH.1131-B
419631	
419644	FRAME 01
419644A	
	IBM CORP. GPD
DATE LAST EC	
06-23-67 419664	P.N. 2231407

WZ041 000

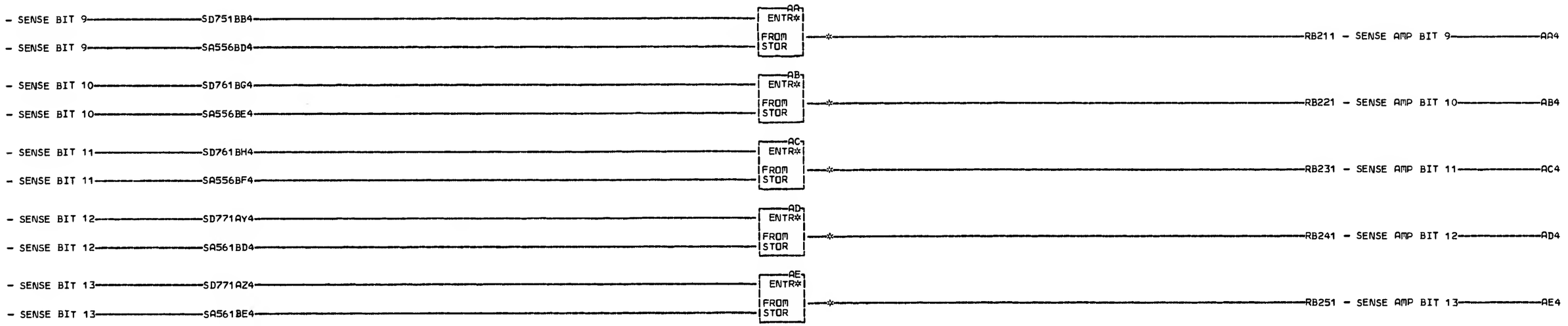


NOTE USE SA PG. NOS. FOR 2 US STORAGE AND SD PG. NOS. FOR 4 US STORAGE.

ZONE 5 1 000

AA4 B-C1B1A11	01B-C1A2B04	01D-A1B1C11	01D-B1A1E11	01B-B1B1E11	01D-B1C1B11	01E-B1C1C11	01D-B1C1D11	01B-C1A2B12
01B-B1B1A11	01D-B1B1B11	01E-B1B1C11	01D-B1B1D11	01B-C1A2B07	01D-A1C1B11	01E-A1C1C11	01D-A1C1A11	01D-B1C1E11
01B-C1A2B03	01D-A1B1B11	01E-A1B1C11	01D-A1A1E11	01D-B1B1E11	01E-B1C1B11	AH4 B-C1C1D11	01D-A1C1D11	01D-A1C1E11
01D-B1B1A11	01E-B1B1B11	AD4 B-C1B1D11	01D-A1B1D11	01D-A1B1E11	01E-A1C1B11	01B-B1C1A11	01E-B1C1A11	01E-B1C1E11
01D-A1B1A11	01E-A1B1B11	01B-C1A1E11	01E-B1B1E11	01E-B1B1E11	AG4 B-C1C1C11	01B-B1C1A11	01E-B1C1D11	01E-A1C1E11
01E-B1B1A11	AC4 B-C1B1C11	01B-B1A1E11	01E-B1B1D11	01E-A1B1E11	01B-B1C1C11	01B-B1C1D11	01E-A1C1A11	
01E-A1B1A11	01B-B1B1C11	01B-B1B1D11	01E-A1A1E11	AF4 B-C1C1B11	01B-C1A2B10	01B-C1A2B08	01E-A1C1D11	
AB4 B-C1B1B11	01B-C1A2B05	01B-C1A2B02	01E-A1B1D11	01B-B1C1B11	01D-B1C1C11	01B-C1A2B11	AJ4 B-C1C1E11	
01B-B1B1B11	01D-B1B1C11	01B-C1A2B06	AE4 B-C1B1E11	01B-C1A2B09	01D-A1C1C11	01D-B1C1A11	01B-B1C1E11	

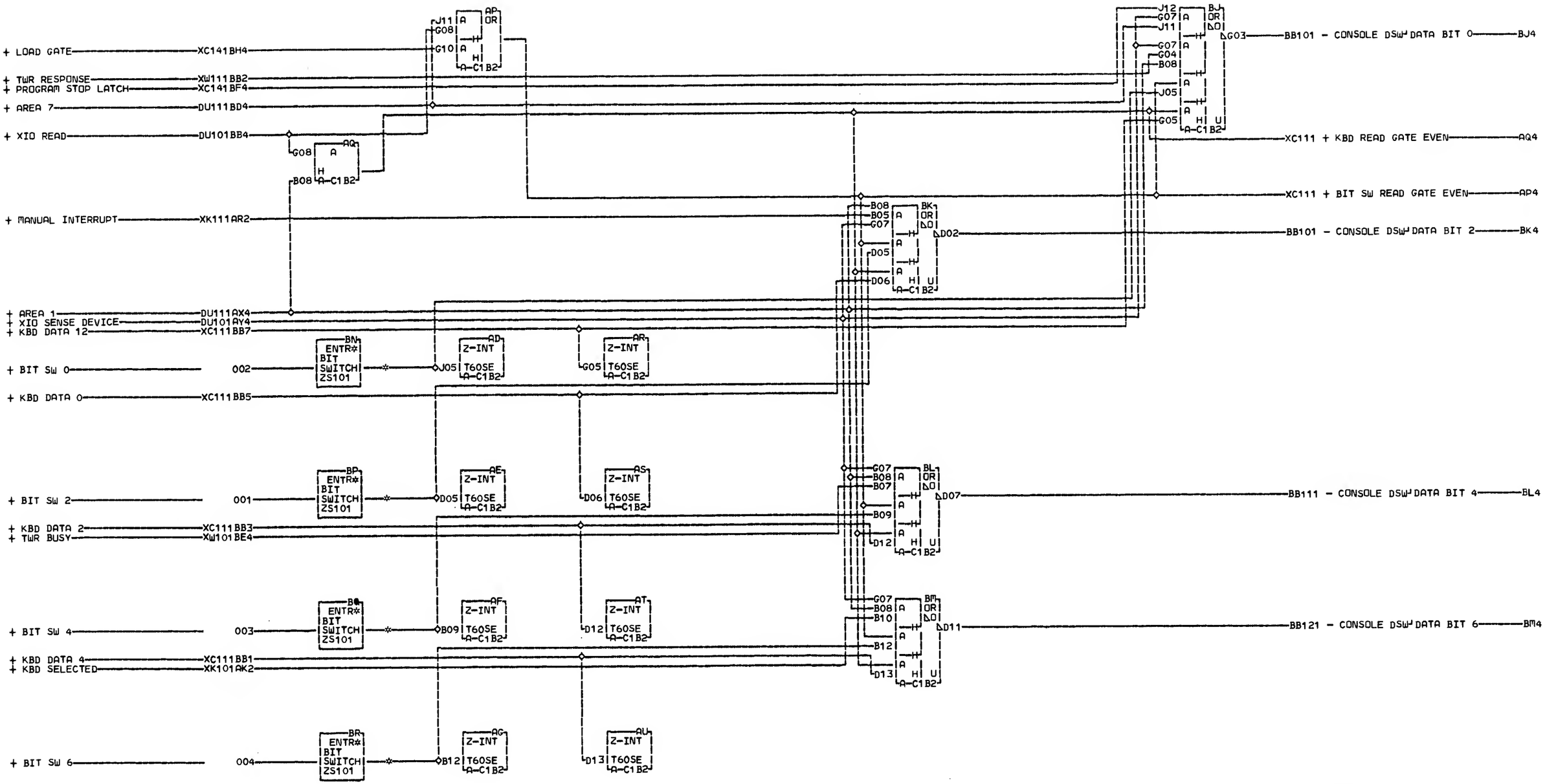
SJ-2 OR SJ-4 STORAGE INTERFACE		
E.C. HISTORY	MACH 1131-B	WZ051
419631		
419644	FRAME 01	
419644A		
419664	IBM CORP. GPD	000
DATE LAST EC	P.N. 2231408	
01-24-69 419695		



NOTE USE SA PG. NOS. FOR 2 US STORAGE AND SD PG. NOS. FOR 4 US STORAGE.

AA4 B-C1D1A11	01B-C1A4B03	01D-A1L1B11	01E-A1L1C11	01D-A1L1D11	01D-B1L1E11	01E-B1M1B11	01E-B1M1C11	01B-A1L8A04	01E-A1M1A11	
01B-B1D1A11	01D-B1L1A11	01E-B1L1B11	AE4 B-C1L1D11	01D-A1K1E11	01D-A1L1E11	01E-A1M1B11	01E-A1M1C11	01B-C1A4B08	01E-A1M1D11	
01B-C1A2B13	01D-A1L1A11	01E-A1L1B11	01B-C1K1E11	01E-B1L1D11	01E-B1L1E11	AH4 B-C1M1C11	AJ4 B-C1M1D11	01B-C1A4B11		
01D-B1D1A11	01E-B1L1A11	AD4 B-C1L1C11	01B-B1K1E11	01E-B1K1E11	01E-A1L1E11	01B-B1M1C11	01B-C1M1A11	01D-B1M1A11		
01D-A1D1A11	01E-A1L1A11	01B-B1L1C11	01B-B1L1D11	01E-A1L1D11	AG4 B-C1M1B11	01B-B1F1C11	01B-B1M1A11	01D-B1M1D11		
01E-B1D1A11	AC4 B-C1L1B11	01B-C1A4B05	01B-C1A4B02	01E-A1K1E11	01B-B1M1B11	01B-A1F1C11	01B-B1M1D11	01D-A1M1A11		
01E-A1D1A11	01B-B1L1B11	01D-B1L1C11	01B-C1A4B06	AF4 B-C1L1E11	01B-C1A4B09	01B-C1A4B10	01B-B1K8E06	01D-A1M1D11		
AB4 B-C1L1A11	01B-C1A4B04	01D-A1L1C11	01D-B1L1D11	01B-B1L1E11	01D-B1M1B11	01D-B1M1C11	01B-B1L8A04	01E-B1M1A11		
01B-B1L1A11	01D-B1L1B11	01E-B1L1C11	01D-B1K1E11	01B-C1A4B07	01D-A1M1B11	01D-A1M1C11	01B-A1K8E06	01E-B1M1D11		

SJ-2 OR SJ-4 STORAGE INTERFACE	
E.C.-HISTORY	MACH 1131-B
419631	
419644	FRAME 01
419644A	
	IBM CORP. GPD
DATE LAST EC	
06-23-67 419664	P.N. 2231206

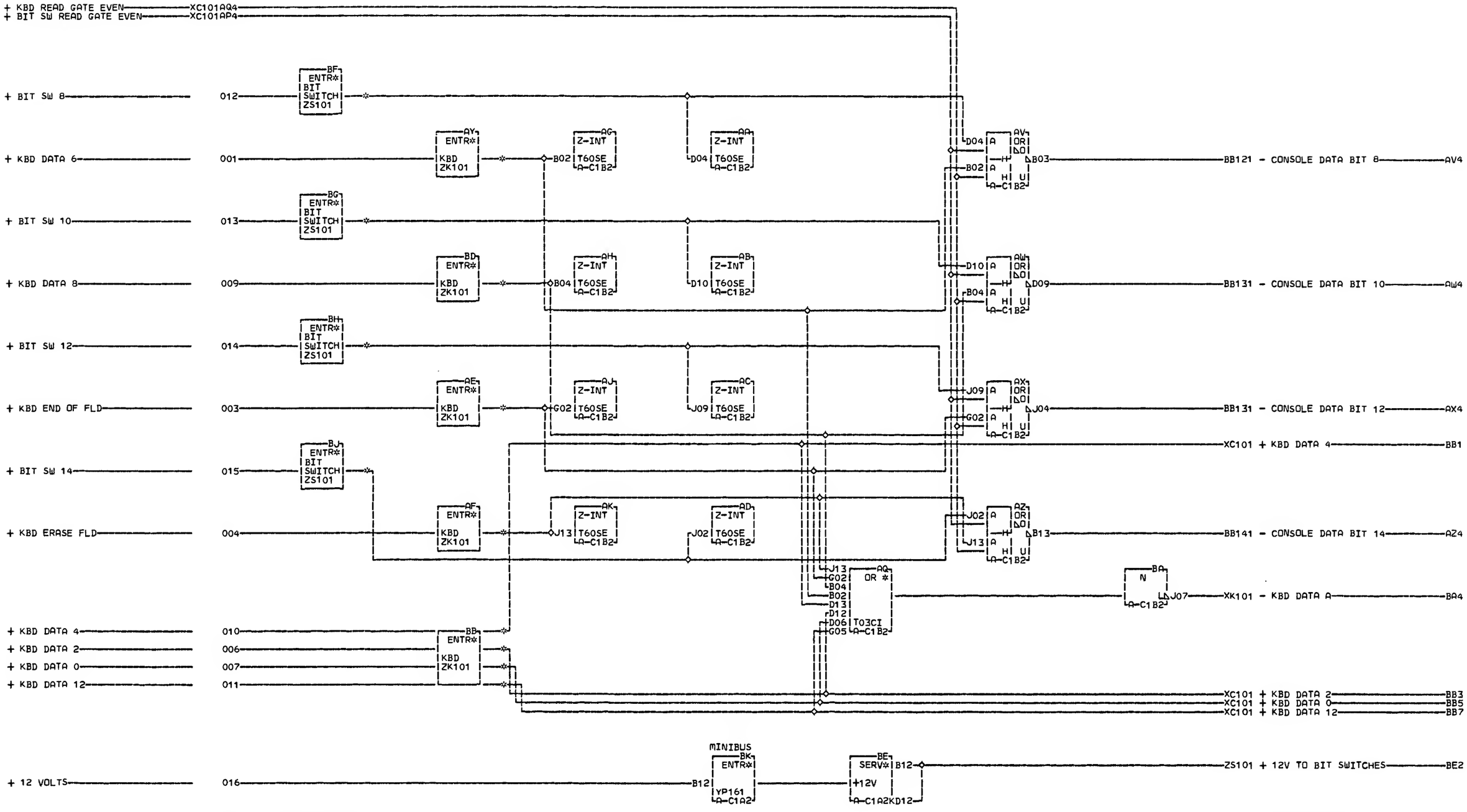


BN4 A-C1A2B02
BP4 A-C1A2B03
BQ4 A-C1A2B04
BR4 A-C1A2B05

LOC. TYPE
A-C1B2 4615

CONSOLE DSW DATA BITS 0 2 4 6
—E.C.—HISTORY— MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231409

XC101 000



X
C
1
1
1

000

AE4 A-C1A3B09
AF4 A-C1A3B10
AY4 A-C1A3B07
BB1 A-C1A3B05
BB3 A-C1A3B04
BB5 A-C1A3B03
BB7 A-C1A3B02
BD4 A-C1A3B08
BF4 A-C1A2B07
BG4 A-C1A2B08
BH4 A-C1A2B09
BJ4 A-C1A2B10

LOC. TYPE
A-C1B2 4615

CONSOLE DATA BITS 8 10 12 14
KBD DATA A
-E.C.-HISTORY- MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231410

X
C
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1

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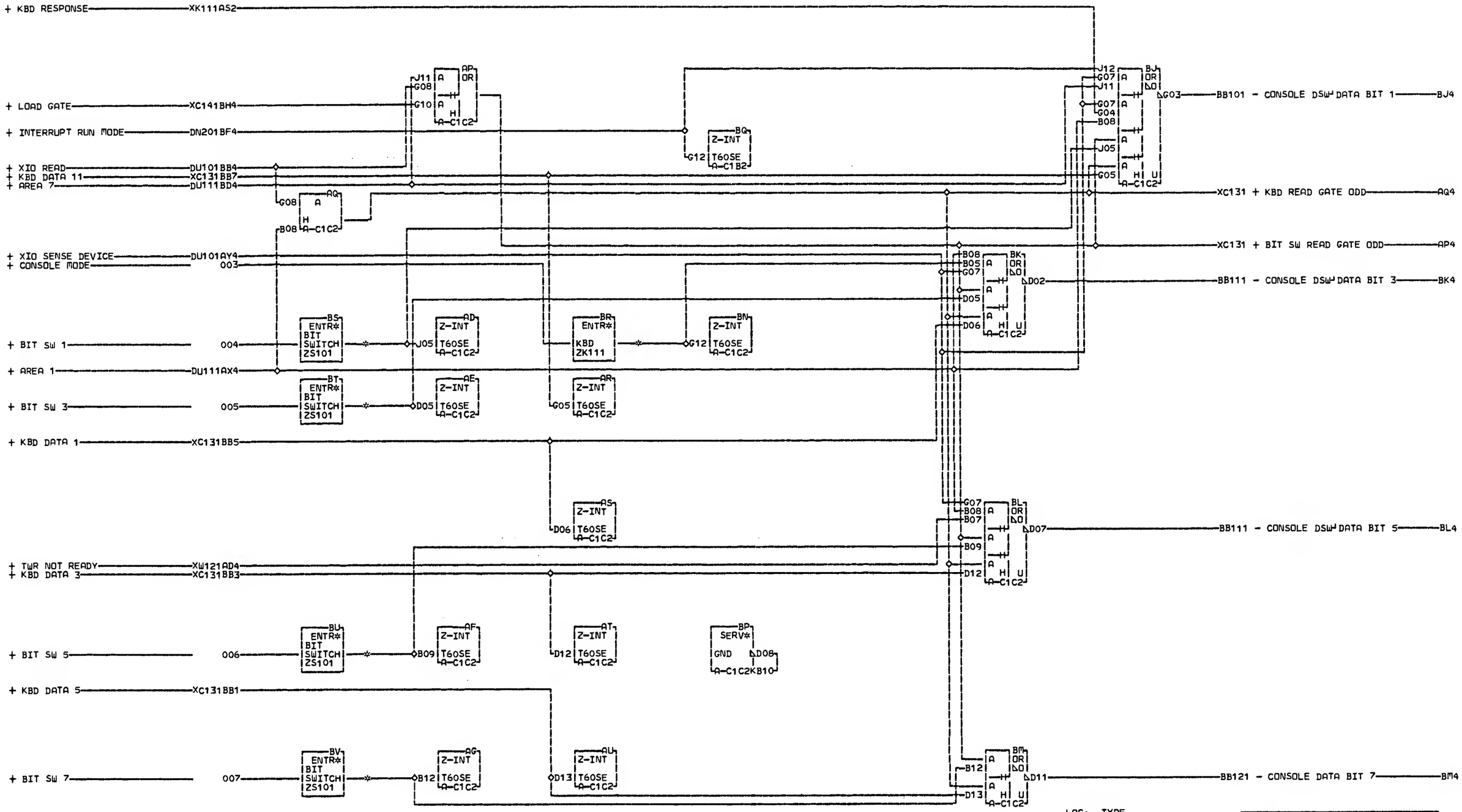
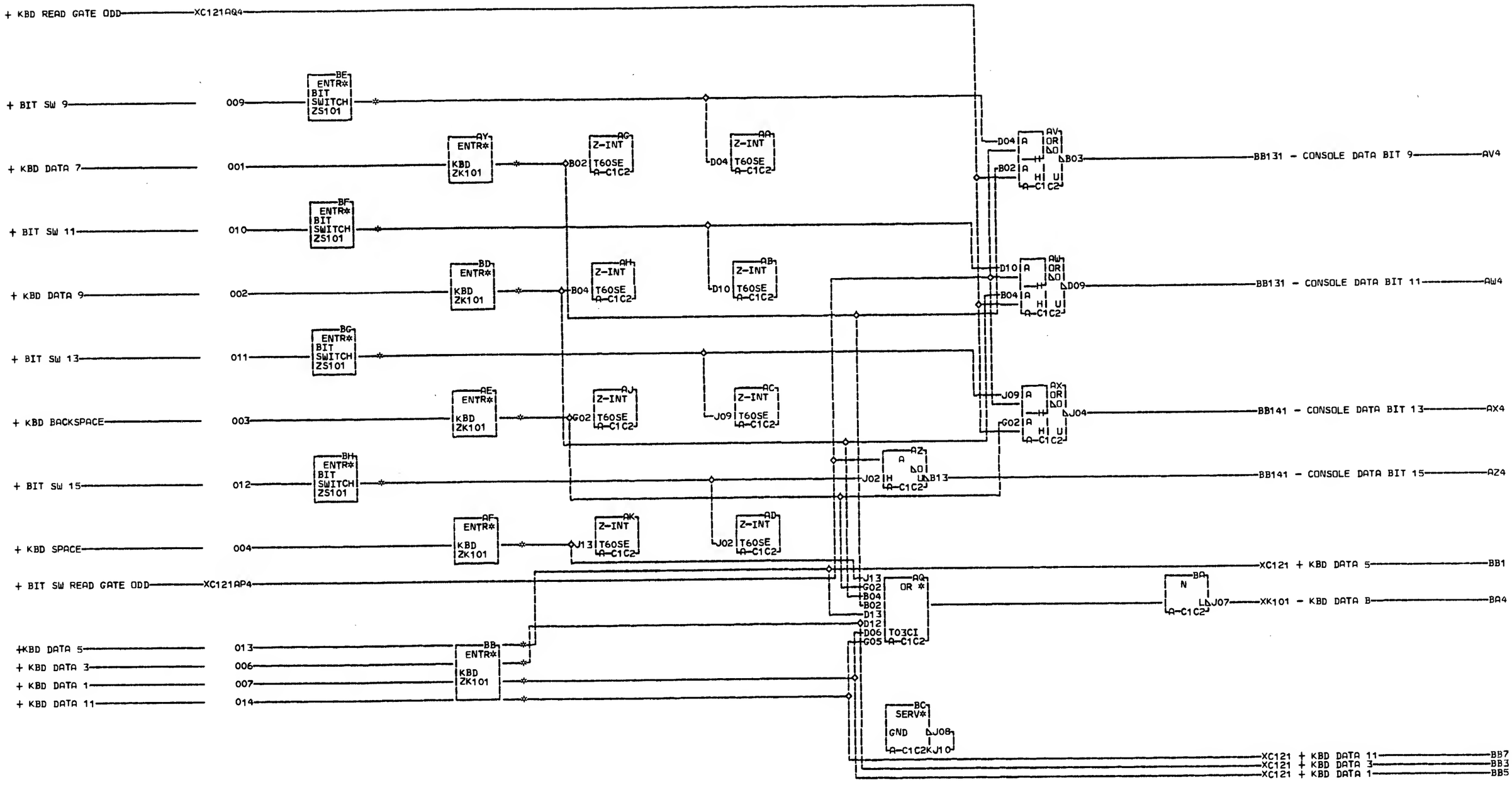


BR4 A-C1A5D02
BS4 A-C1A2D02
BT4 A-C1A2D04
BU4 A-C1A2D05
BV4 A-C1A2D06

LOC. TYPE
A-C1B2 4615
A-C1C2 4615

CONSOLE DSW DATA BITS 1 3 5 7
E.C. HISTORY — MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231411

X C 1 2 1 000



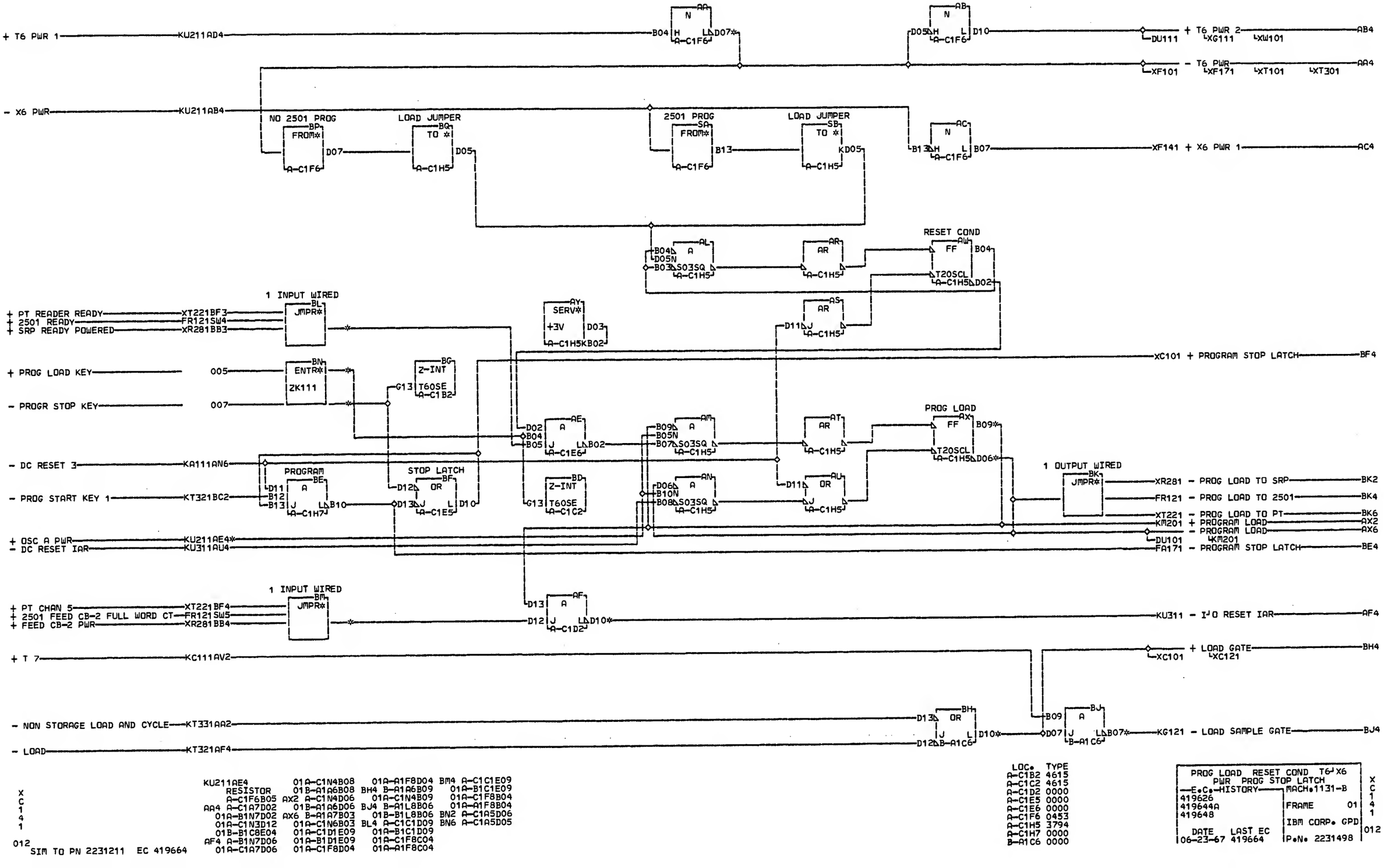
X C 1 3 1 000

AE4 A-C1A3D10 BF4 A-C1A2D09
AF4 A-C1A3D11 BG4 A-C1A2D10
AY4 A-C1A3D07 BH4 A-C1A2D11
BB1 A-C1A3D06
BB3 A-C1A3D05
BB5 A-C1A3D04
BB7 A-C1A3D02
BD4 A-C1A3D09
BE4 A-C1A2D07

LOC. TYPE
A-C1C2 4615

CONSOLE DATA BITS 9 11 13 15
KBD DATA B
E.C.-HISTORY — MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231412

X C 1 3 1 000



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012
SIM TO PN 2231211 EC 419664

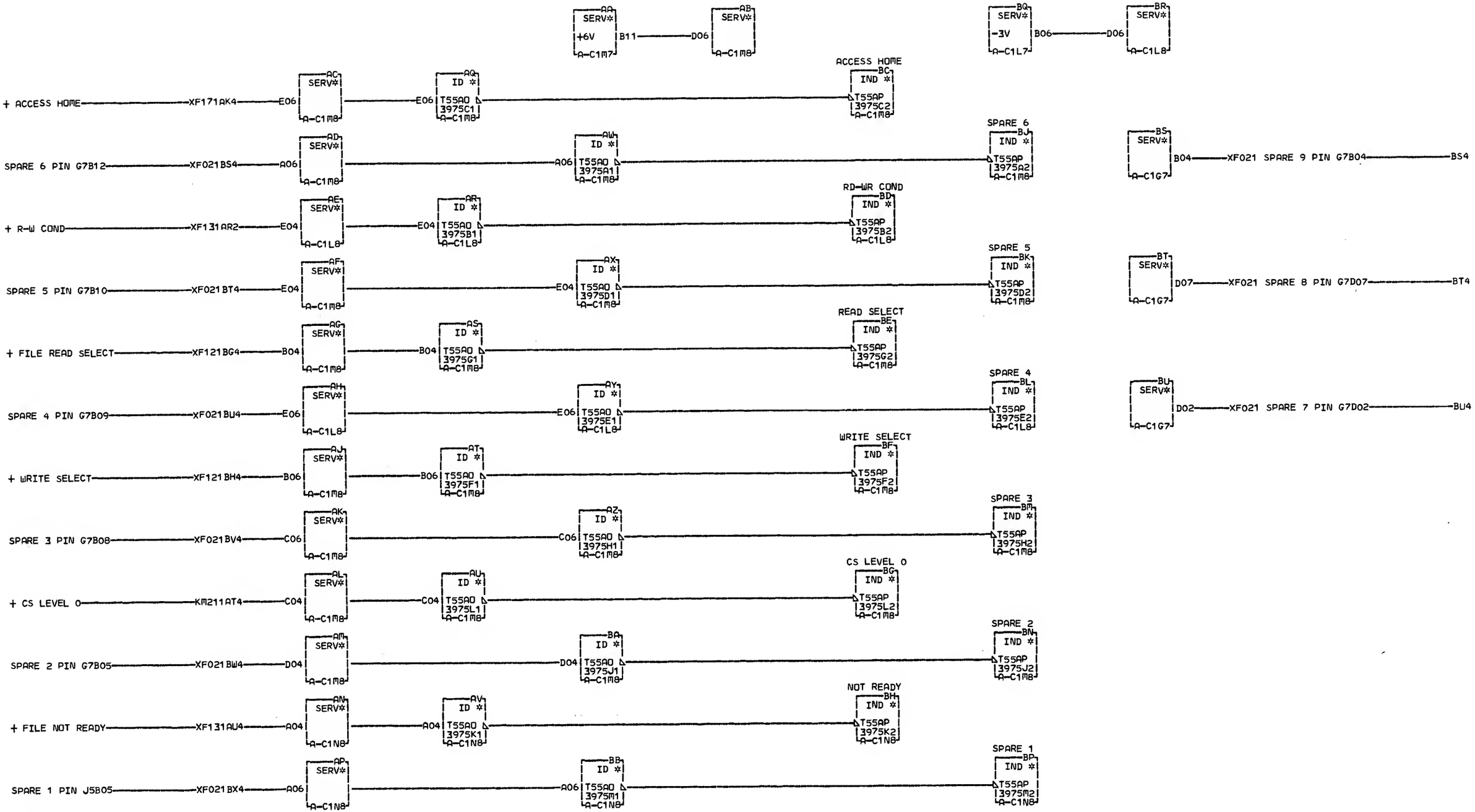
KU211AE4	01A-C1N4B08	01A-A1F8D04	BM4	A-C1C1E09	
RESISTOR	01B-A1A6B08	BH4 B-A1A6B09		01A-B1C1E09	
A-C1F6B05	AX2 A-C1N4D06	01A-C1N4B09		01A-C1F8B04	
AA4 A-C1A7D02	01B-A1A6D06	BJ4 B-A1L8B06		01A-A1F8B04	
01A-B1N7D02	AX6 B-A1A7B03	01B-B1L8B06	BN2	A-C1A5D06	
01A-C1N3D12	01A-C1N6B03	BL4 A-C1C1D09	BN6	A-C1A5D05	
01B-B1C8E04	01A-C1D1E09	01A-B1C1D09			
AF4 A-B1N7D06	01A-B1D1E09	01A-C1F8C04			
01A-C1A7D06	01A-C1F8D04	01A-A1F8C04			

LOC.	TYPE
A-C1B2	4615
A-C1C2	4615
A-C1D2	0000
A-C1E5	0000
A-C1E6	0000
A-C1F6	0453
A-C1H5	3794
A-C1H7	0000
B-A1C6	0000

PROG LOAD RESET COND T6 X6 PWR PROG STOP LATCH

E.C. HISTORY	MACH. 1131-B
419626	
419644A	FRAME 01
419648	
	IBM CORP. GPD
DATE LAST EC	P.N. 2231498
06-23-67 419664	

X C 1 4 1 012

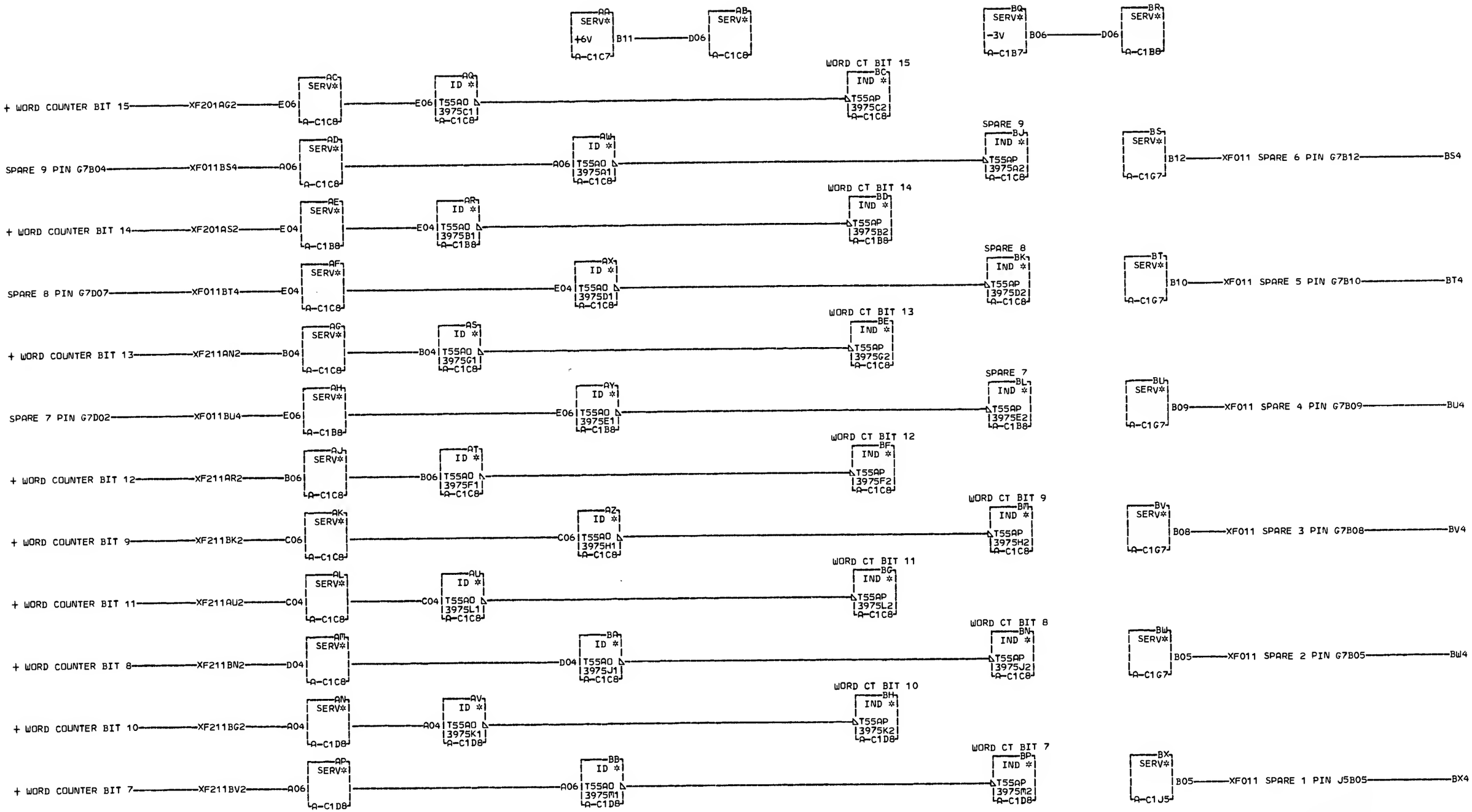


NOTE 1 CARD MUST BE PLUGGED
ON WIRE SIDE OF BOARD AT
SOCKET A-C1T8
NOTE 2 SPARE LIGHTS WILL BE
ON WHEN NOT USED
NOTE 3 REFER TO PAGE AD002
FOR LAYOUT OF INDICATORS

000

CE INDICATORS
DISK STATUS
E.C.-HISTORY — MACH.1131-B
FRAME 01
IBM CORP. SDD
DATE LAST EC
06-23-67 419664
P.N. 2231990

X F 0 1 1 000



NOTE 1 CARD MUST BE PLUGGED ON WIRE SIDE OF BOARD AT SOCKET A-C1T5

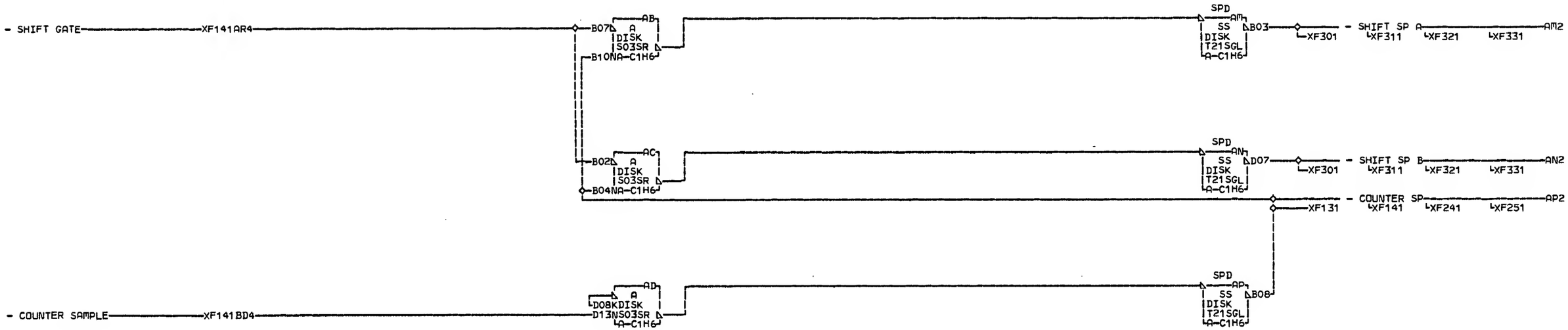
NOTE 2 SPARE LIGHTS WILL BE ON WHEN NOT USED

NOTE 3 REFER TO PAGE AD002 FOR LAYOUT OF INDICATORS

000

CE INDICATORS
DISK WC BITS 7-15
E.C. HISTORY
MACH. 1131-B
FRAME 01
IBM CORP. SDD
DATE LAST EC
06-23-67 419664
P.N. 2231991

XF021 000



LOC. TYPE
A-C1H6 3757
A-C1L4 0000

X
F
1
0
1

000

FILE SHIFT SP COUNTER SP
LOAD WORD CTR SP FILE LOAD SP
-E.C.-HISTORY- MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231413

X
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1
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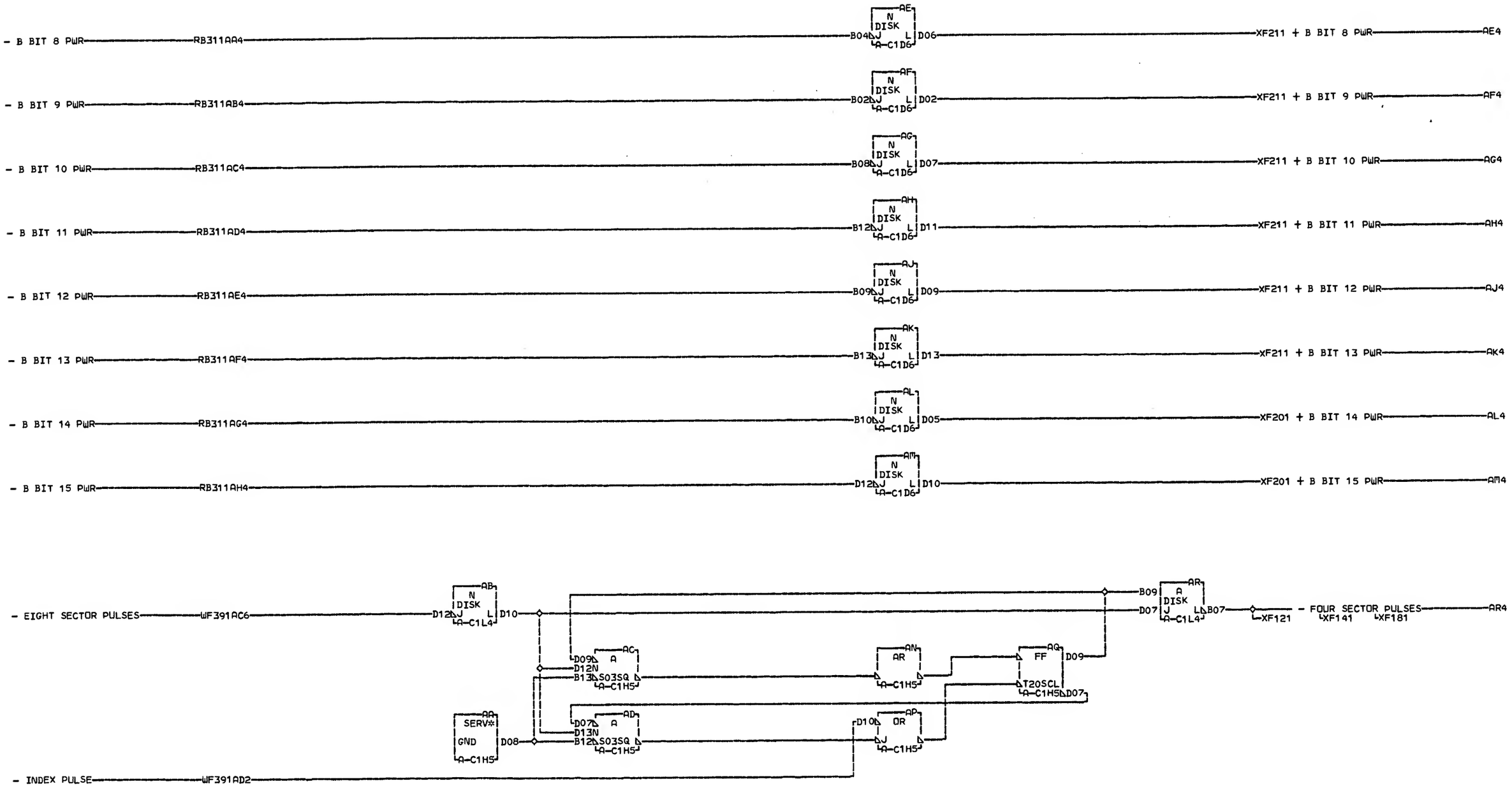

LOC.	TYPE
A-C1D6	3016
A-C1H5	3794
A-C1L4	0000

X
F
1
1
1

000

B REGISTER INVERTERS
SECTOR PULSE FILTER

E.C. HISTORY: 419631

MACH. 1131-B

FRAME 01

IBM CORP. GPD

DATE LAST EC
03-10-67 419648

P.N. 2231414

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1
1
1

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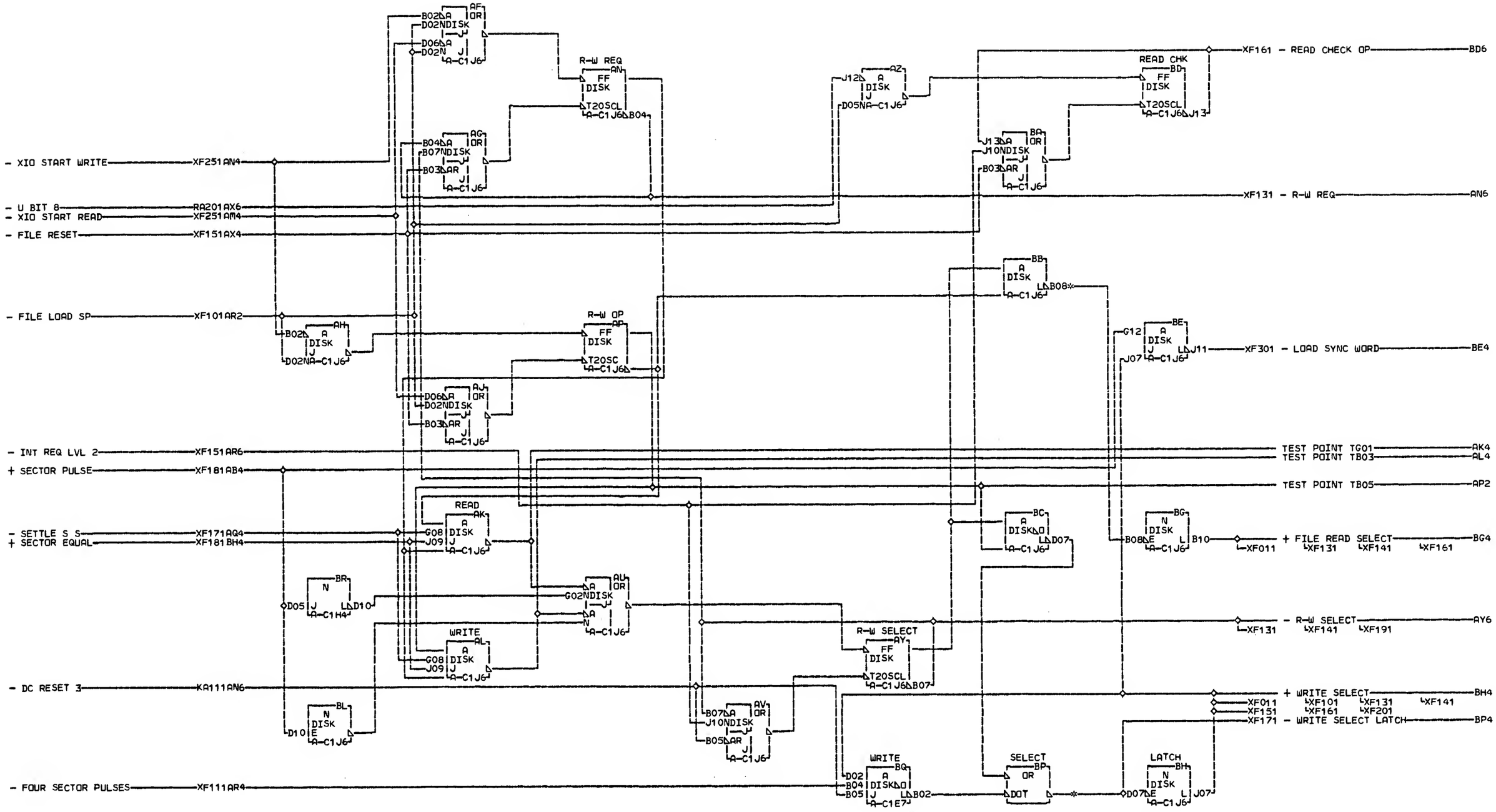
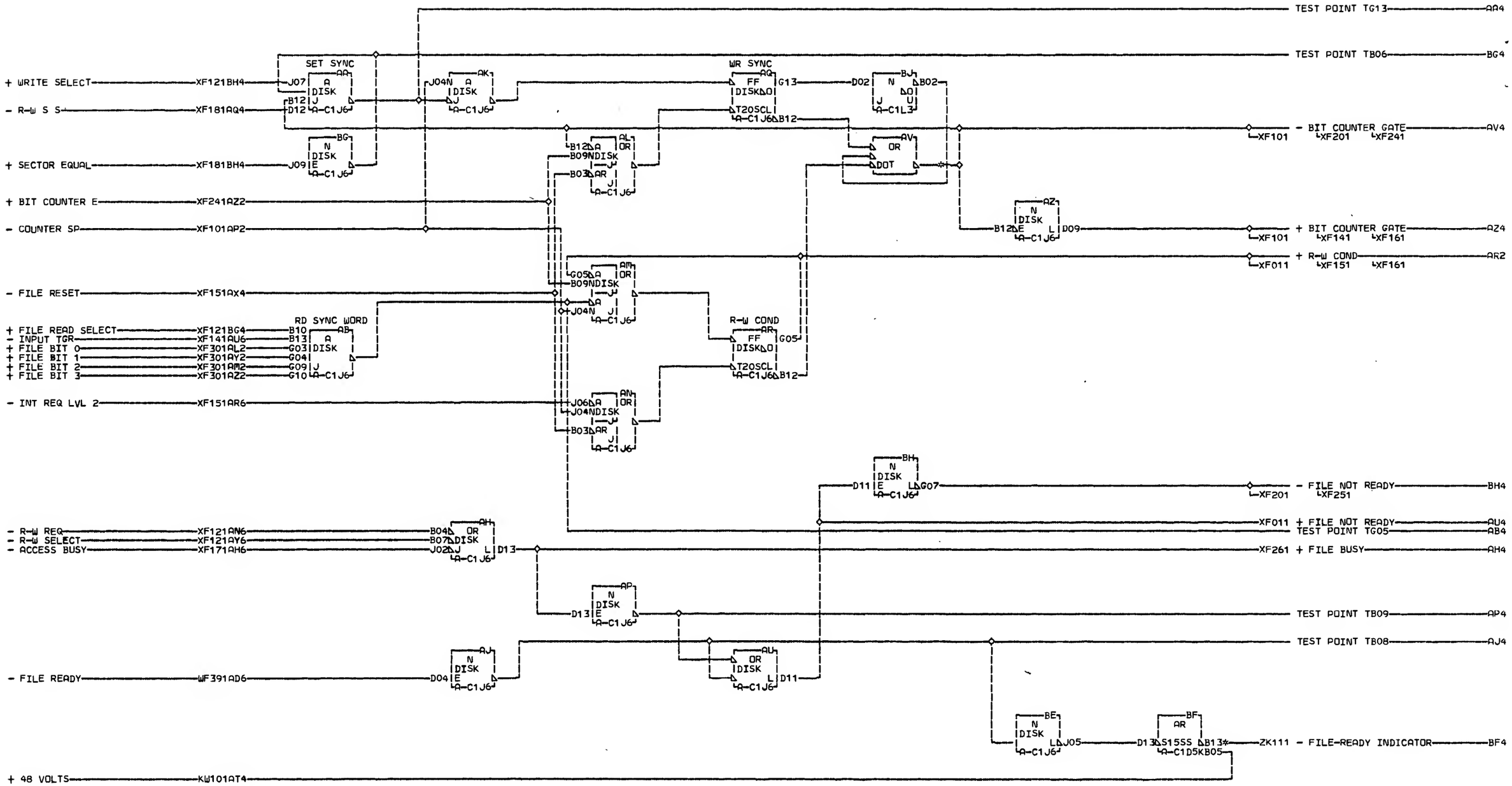


BB4 RESISTOR
A-C1J6B08
BP4 RESISTOR
A-C1J6D07

LOC.	TYPE
A-C1E7	0000
A-C1H4	3421
A-C1J6	6217

FILE R/W SEL	R/W REQ
READ CHK OP	LOAD SYNC WORD
E.C.-HISTORY	MACH.1131-B
419631	
419648	FRAME 01
419664	
	IBM CORP. GPD
DATE LAST EC	
01-26-68 419689	P.N. 2231214

XF121 000



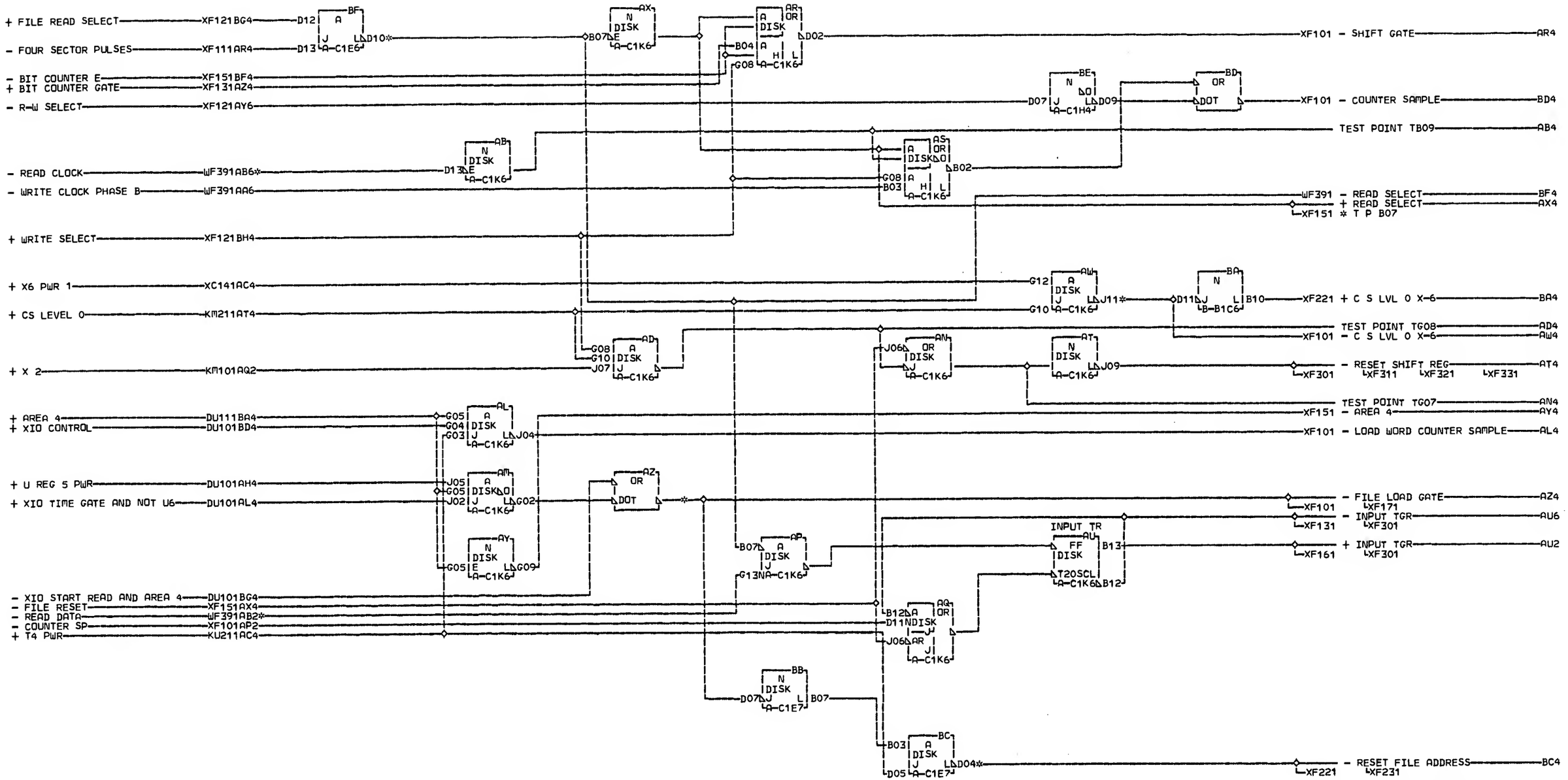
X
F
1
3
1

000

AV4 RESISTOR
A-C1J6B12
BF4 A-C1A5D11

LOC.	TYPE
A-C1D5	3819
A-C1J6	6217
A-C1L3	0238

FILE R/W COND WRITE SYNC BIT CTR GATE BUSY NOT RDY		
E.C. HISTORY	MACH.1131-B	X
419631		F
419648	FRAME 01	1
419664		3
419689	IBM CORP. GPD	1
DATE LAST EC		000
01-24-69 419695	P.N. 2231215	



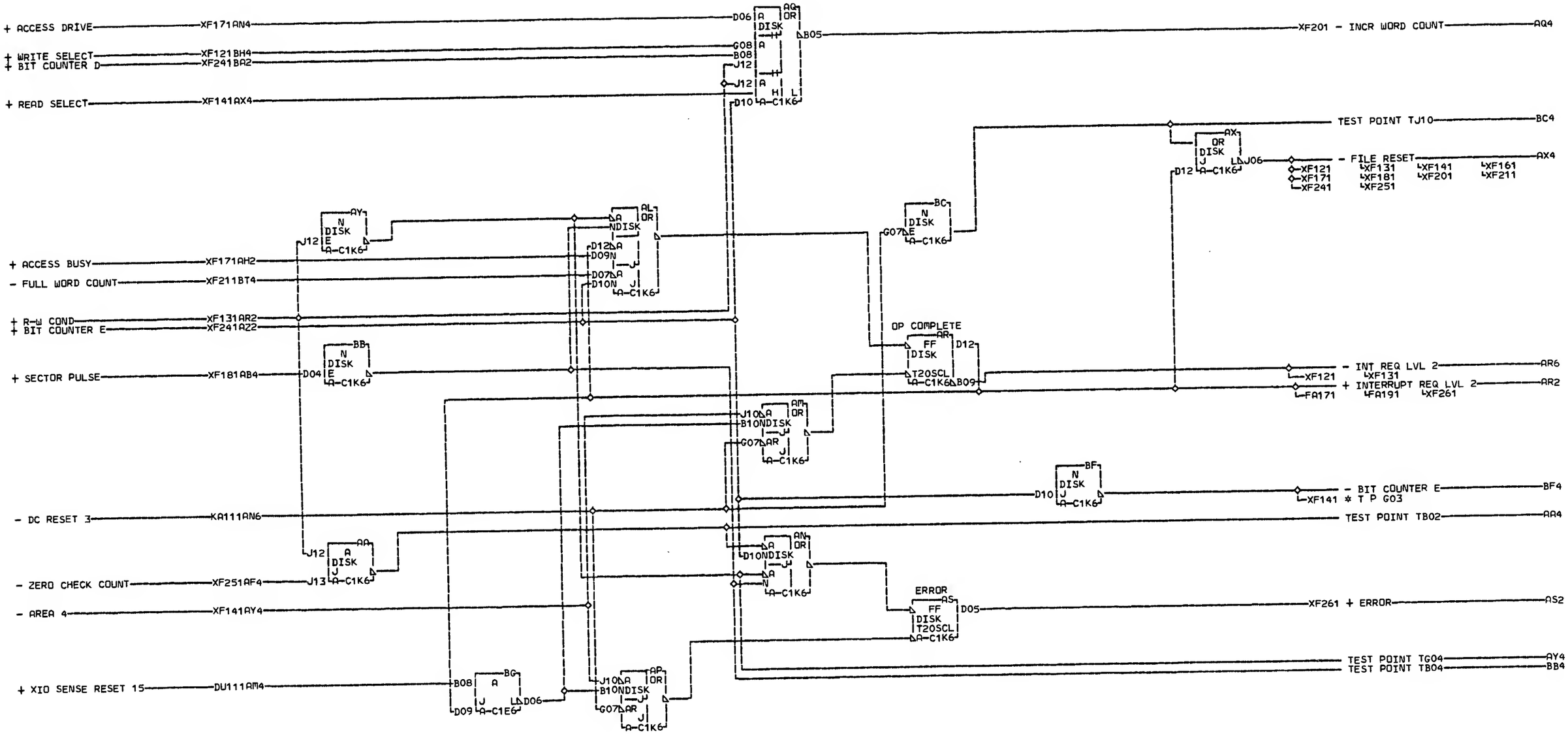
X
F
1
4
1

000

WF391AB2 01B-B1N6D12
RESISTOR BC4 A-C1N2D13
A-C1K6G13 01B-B1N5D13
WF391AB6 BF4 A-C1N7B09
RESISTOR
A-C1K6D13
AW4 A-C1N2D12
01B-B1N5D12
AZ4 A-C1B6D12

LOC.	TYPE
A-C1E6	0000
A-C1E7	0000
A-C1H4	3421
A-C1K6	6218
B-B1C6	3686

FILE SHIFT GATE COUNTER SPL		
RESET SHIFT REG INPUT TGR		X
-E.C.-HISTORY-	MACH.1131-B	F
419631		1
419648	FRAME 01	4
		1
	IBM CORP. GPD	
DATE LAST EC		000
01-26-68 419689	P.N. 2231216	

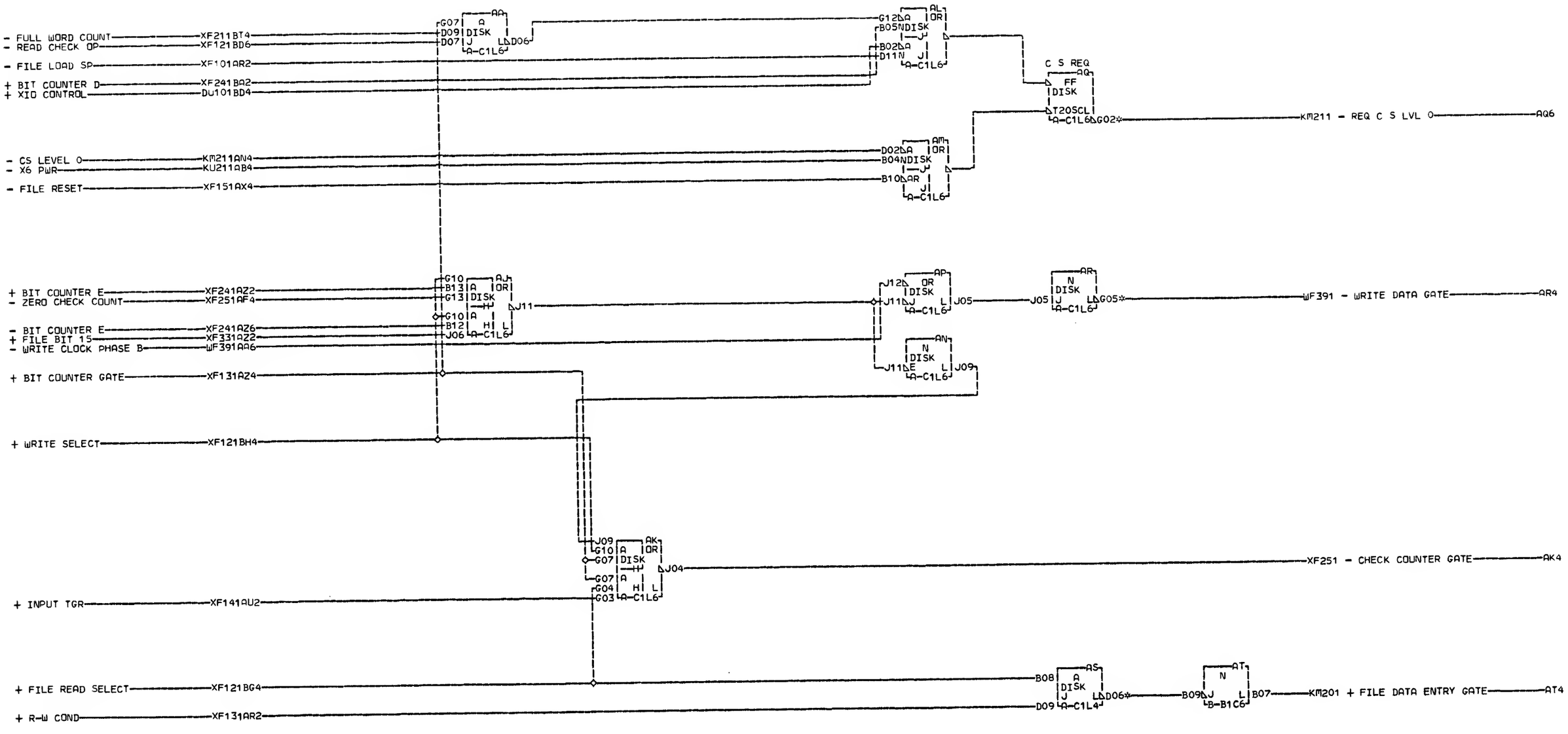


LOC• TYPE
A-C1E6 0000
A-C1K6 6218

FILE ERROR INT REQ LVL 2 FILE RESET INCR WORD COUNT	X F 1 5 1
E•C•-HISTORY 419631	MACH•1131-B
	FRAME 01
	IBM CORP• GPD
DATE LAST EC 01-26-68 419689	P•N• 2231217

X
F
1
5
1

000



X F 1 6 1

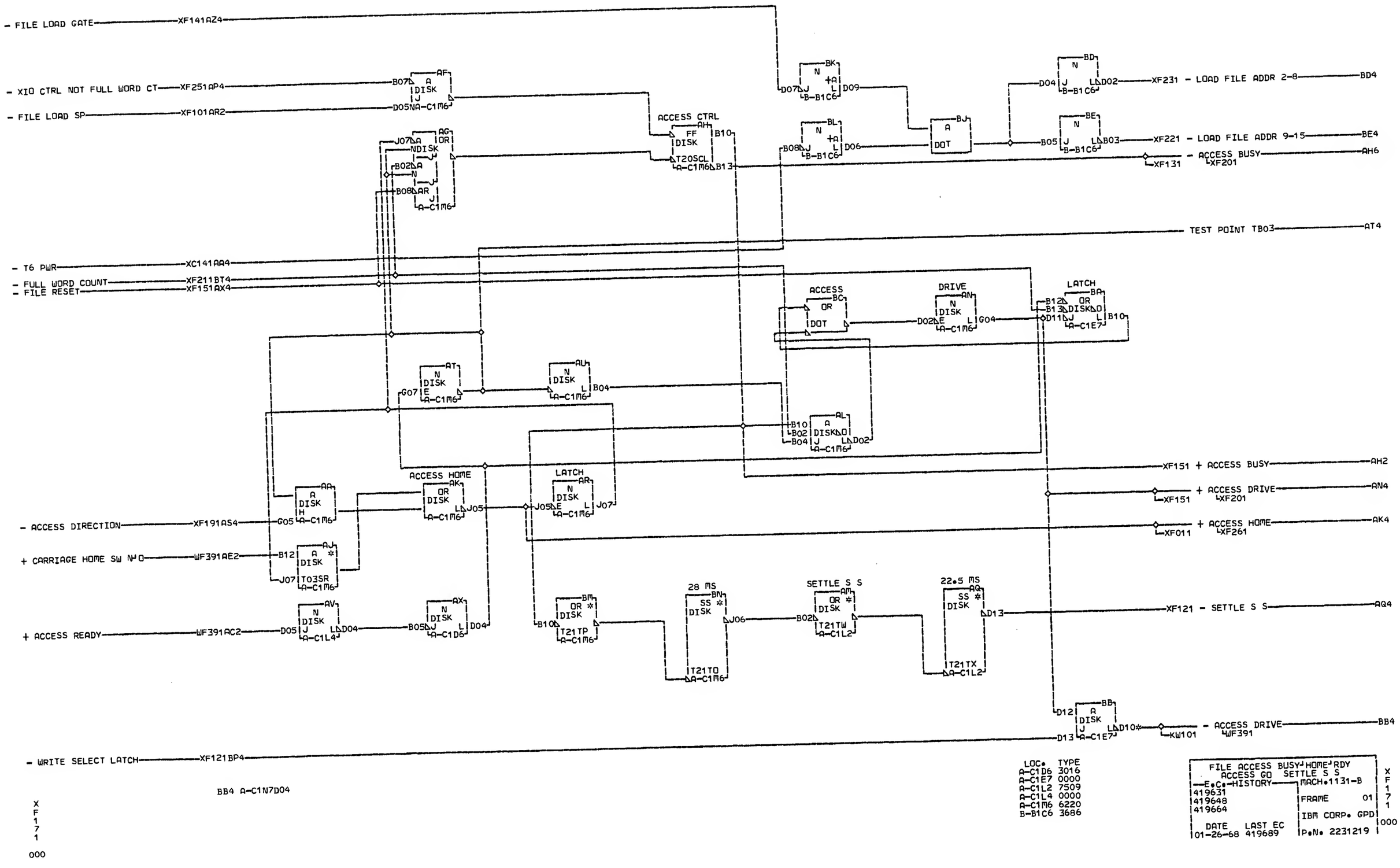
000

AQ6 A-C1N4B07
01B-A1A6B07
AR4 A-C1N7B13
AS4 A-C1N3B12
01B-B1C8E06

LOC•	TYPE
A-C1L4	0000
A-C1L6	6219
B-B1C6	3686

FILE WRITE DATA GATE CHK
COUNTER GATE REQ CS LVL 0
E•C•-HISTORY — MACH•1131-B
FRAME 01
IBM CORP• GPD
DATE LAST EC
09-02-66 419631
P•N• 2231218

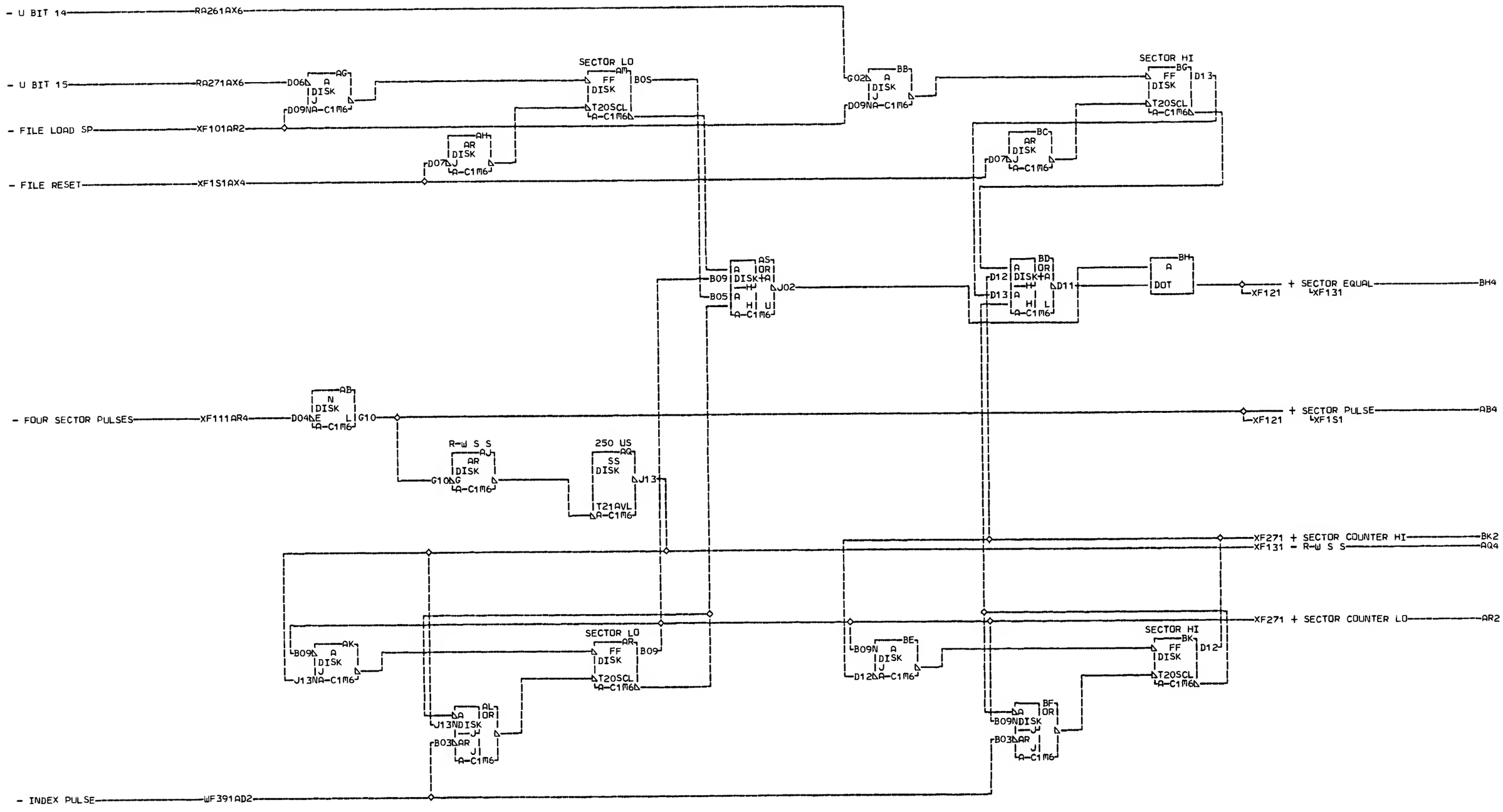
X F 1 6 1 000



LOC.	TYPE
A-C1D6	3016
A-C1E7	0000
A-C1L2	7509
A-C1L4	0000
A-C1M6	6220
B-B1C6	3686

FILE ACCESS BUSY HOME RDY
ACCESS GO SETTLE S S
E.C. HISTORY
419631
419648
419664
DATE LAST EC
01-26-68 419689
MACH. 1131-B
FRAME 01
IBM CORP. GPD
P.N. 2231219

XF171
000

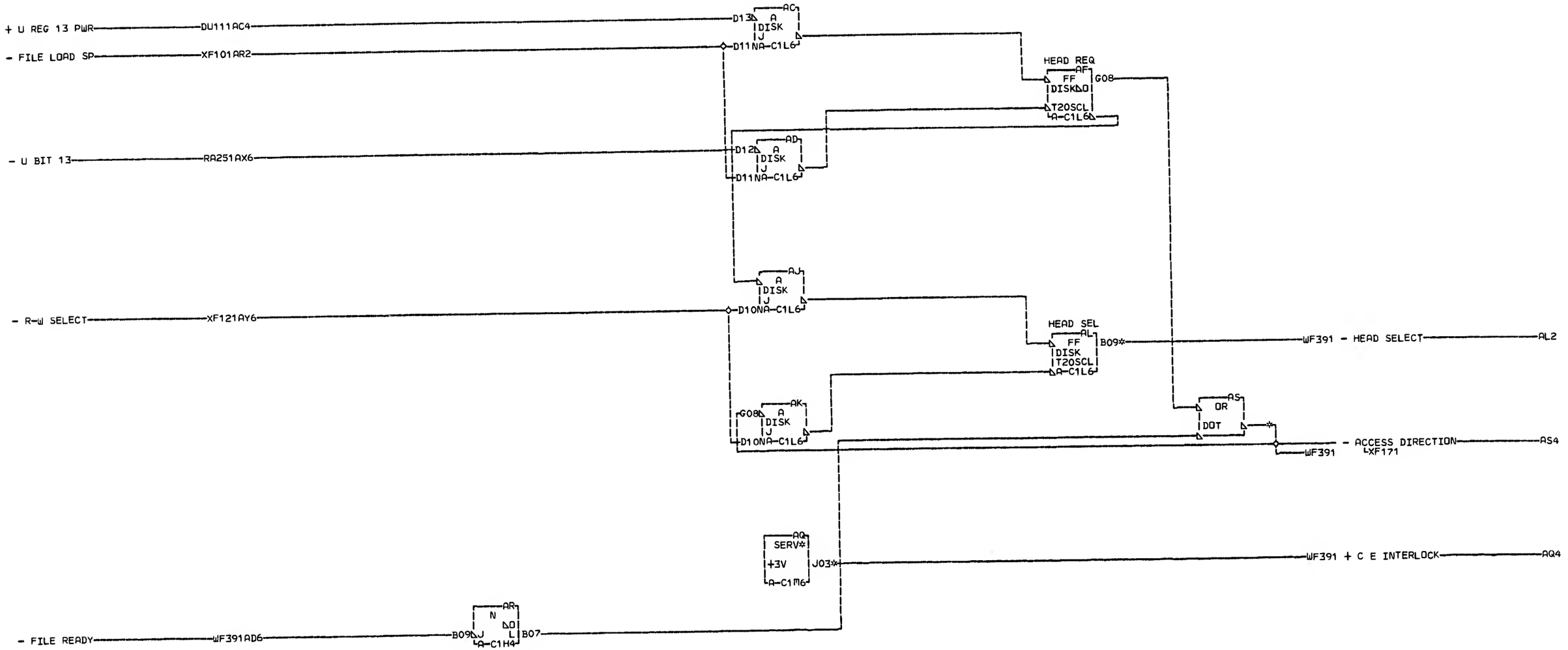


LOC. TYPE
A-C1M6 6220

FILE SECTOR COUNTER R-W S S SECTOR EQUAL		X F 1 8 1
E.C.-HISTORY	MACH.1131-B	
	FRAME 01	
	IBM CORP. GPD	000
DATE LAST EC 09-02-66 419631	P.N. 2231415	

X F 1 8 1

000



X
F
1
9
1

000

AL2 A-C1N7D09
AQ4 A-C1N7D07
AS4 A-C1N7B04

LOC. TYPE
A-C1H4 3421
A-C1L6 6219

FILE HEAD SELECT
ACCESS DIRECTION

E.C.-HISTORY	MACH.1131-B	X F 1 9 1
	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC	P.N. 2231221	000
09-02-66 419631		

+ B BIT 14 PWR — XF111AL4

+ B BIT 15 PWR — XF111AM4

- LOAD WORD CTR SP — XF101AS2

- BIT COUNTER GATE — XF131AV4

- ACCESS BUSY — XF171AH6

+ ACCESS DRIVE — XF171AN4

- INCR WORD COUNT — XF151AQ4

- FILE RESET — XF1S1AX4

AA A DISK J J10 G13NA-C1M6

AB A DISK J G12 J12NDISK J04 S03SQ A-C1M6

AC A DISK J B13 G04NA-C1M6

AD A DISK J J12NDISK J04 S03SQ A-C1M6

AE OR DISK J A-C1M6

AF OR DISK J J11 A-C1M6

AG FF DISK BIT 15 T20SCL A-C1M6 G12*

AH A DISK J G03 G13NA-C1M6

AJ A DISK J G09 J12NDISK S03SQ A-C1M6

AK A DISK J G12N G09 A-C1M6

AL A DISK J G12NA-C1M6

AM A DISK J J12NDISK S03SQ A-C1M6

AP OR DISK J A-C1M6

AQ OR DISK J J11 A-C1M6

AS FF DISK BIT 14 G09 T20SCL A-C1M6

+ WORD COUNTER BIT 14 — AS2
XF021 XF211

AN A DISK J L J09 G09 G12 A-C1M6

AR N DISK E L G08 J09 A-C1M6

XF211 + WORD CTR BITS 14 AND 15 — AR4

+ WORD COUNTER BIT 15 — AG2
WF391 XF021

BA SERV* +3V D03 A-C1L2

BB AR * DISK T11SE B12 B03 A-C1L2TB13

BC OR DISK J U B12 B08* D10 A-C1L2

BD CR * DISK S61YU B05 A-C1L2

BF A * DISK T03UK D10* B08 A-C1L2

BH A * DISK T03TC D10 B04 D04* A-C1L2

BK OR DISK J L D06 B08 D09 A-C1E7

BL OR J L D04 B03 D05 A-C1E6

WF391 - WRITE SELECT POWER SAFE — BH4

XF261 + WR SEL ERR OR PWR UNSAFE — BK4

XF261 + FILE NOT RDY OR PWR UNSAFE — BL4

- 90 SEC TIME DELAY — WF391AE4

+ WRITE SELECT — XF121BH4

- WRITE SELECT ERROR — WF391AE6

- FILE NOT READY — XF131BH4

XF201

AG2 A-C1N7B10
BC4 RESISTOR
A-C1L2B08
BF4 RESISTOR
A-C1L2D10
BH4 A-C1N7D11
01A-C1N7D10
RESISTOR
A-C1L2D04

LOC. TYPE
A-C1E6 0000
A-C1E7 0000
A-C1L2 7509
A-C1M6 6220

FILE WORD COUNT REGISTER
STEP MODE
E.C.-HISTORY — MACH.1131-B
419631
419648
FRAME 01
IBM CORP. GPD
DATE LAST EC
06-23-67 419664
P.N. 2231222

XF211

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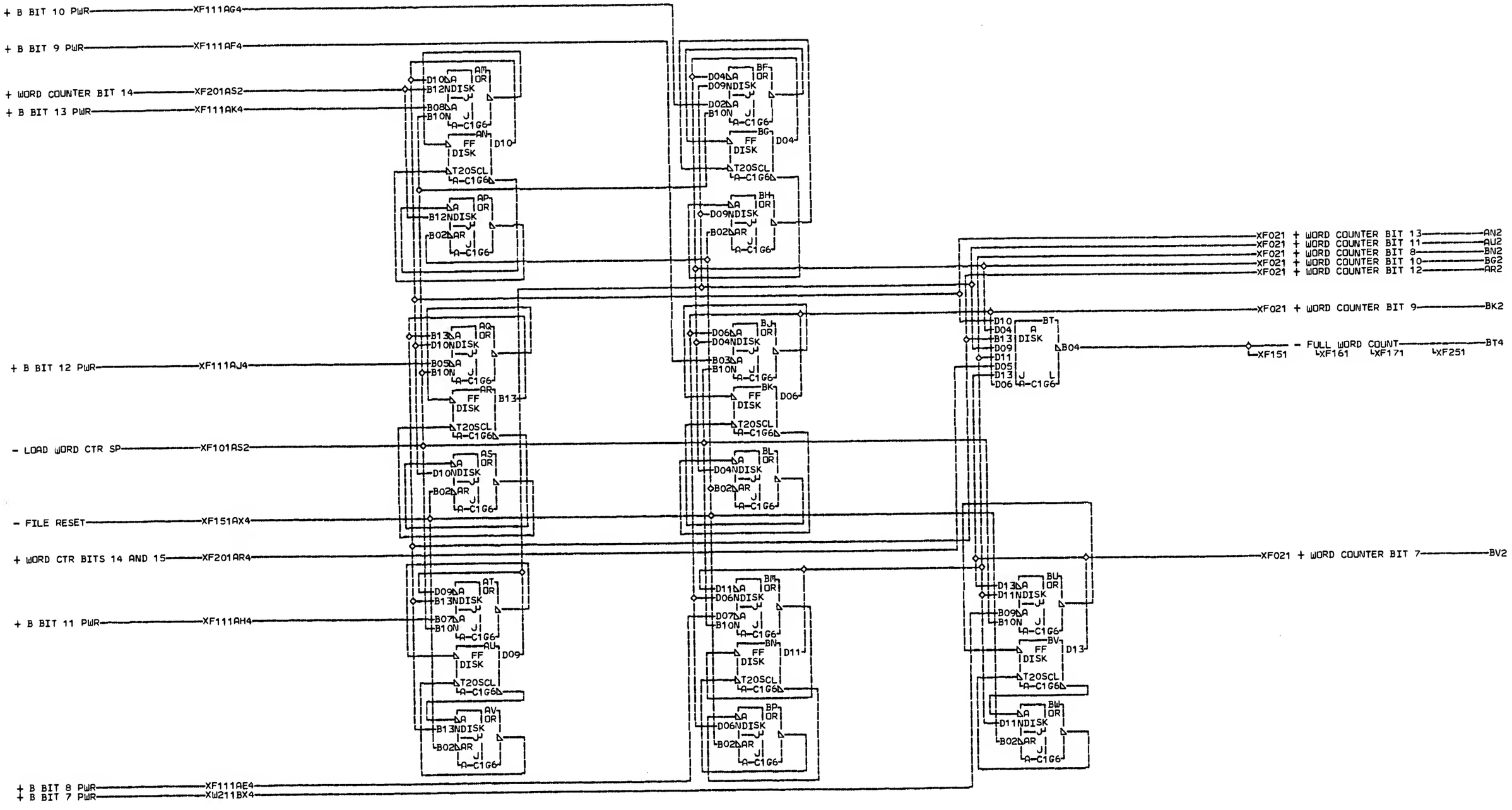

LOC. TYPE
A-C1G6 3793

FILE WORD COUNT REGISTER		
-E.C.-HISTORY- 419631	MACH.1131-B	XF2111
	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC 06-23-67 419664	P.N. 2231223	000

XF2111
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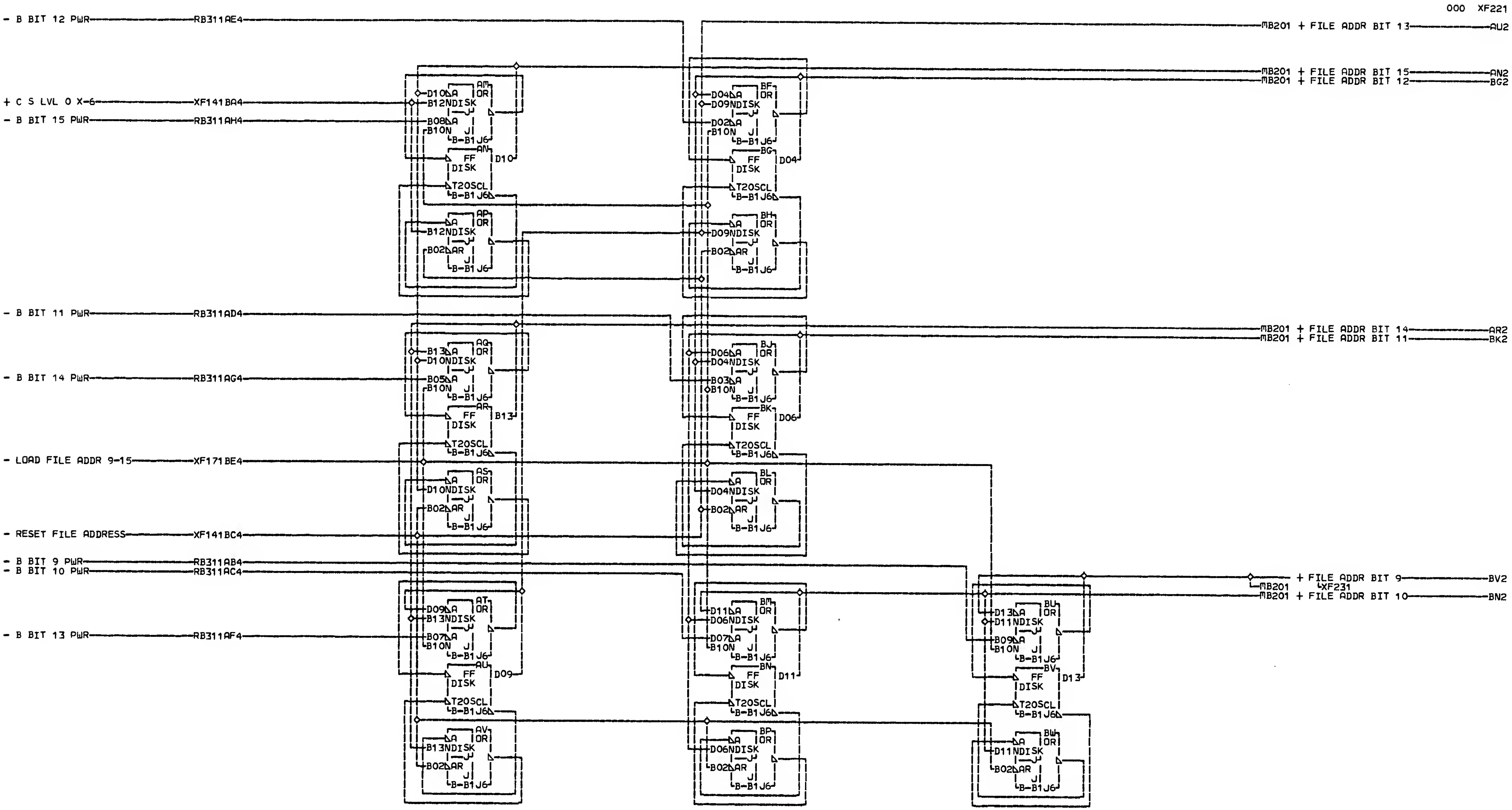

LOC. TYPE
B-B1J6 3793

XF221
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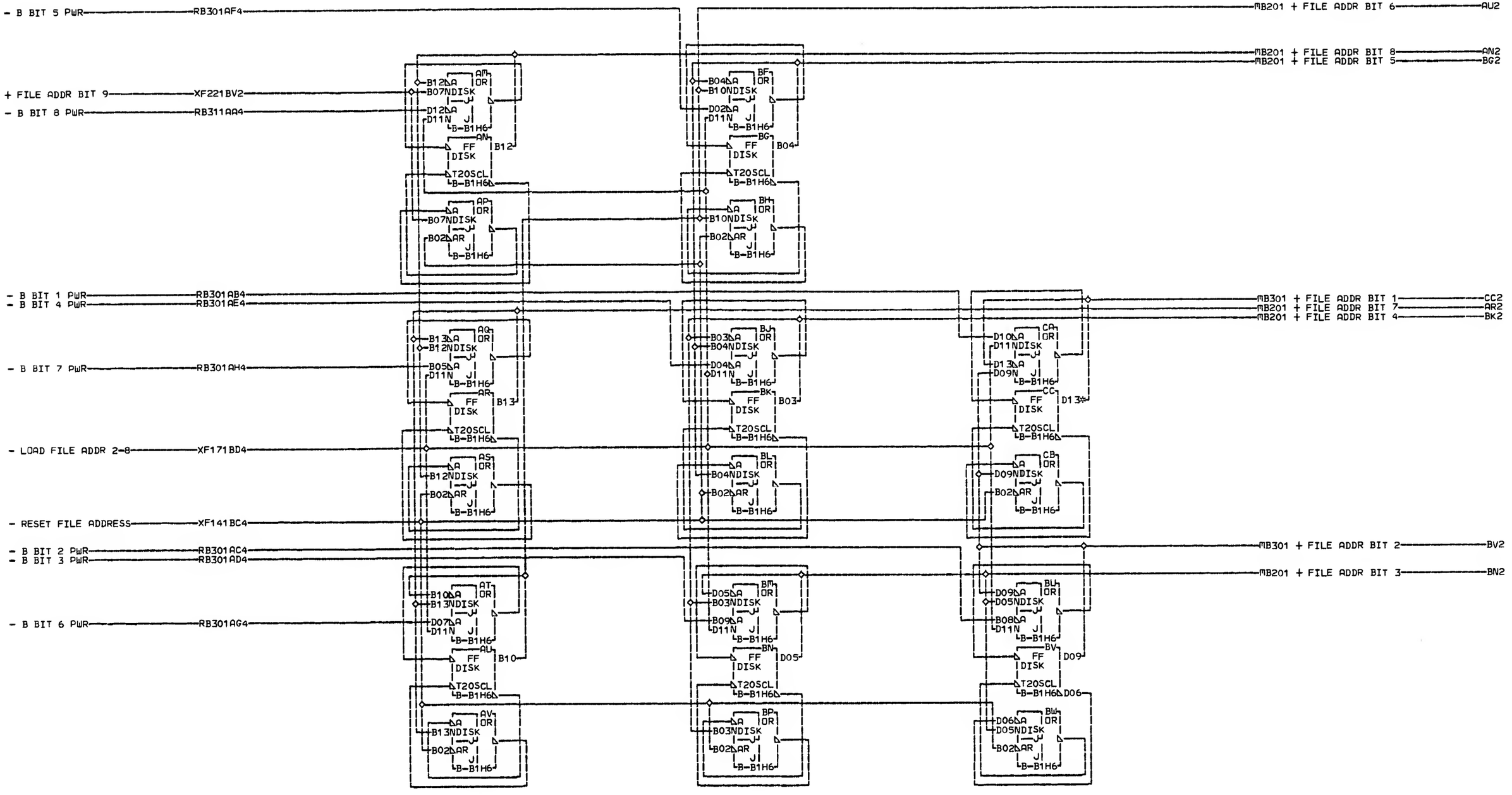
FILE CORE ADDRESS REGISTER BITS 9-15	
E.C.-HISTORY	MACH.1131-B
	FRAME 01
	IBM CORP. GPD
DATE LAST EC 09-02-66 419631	P.N. 2231416

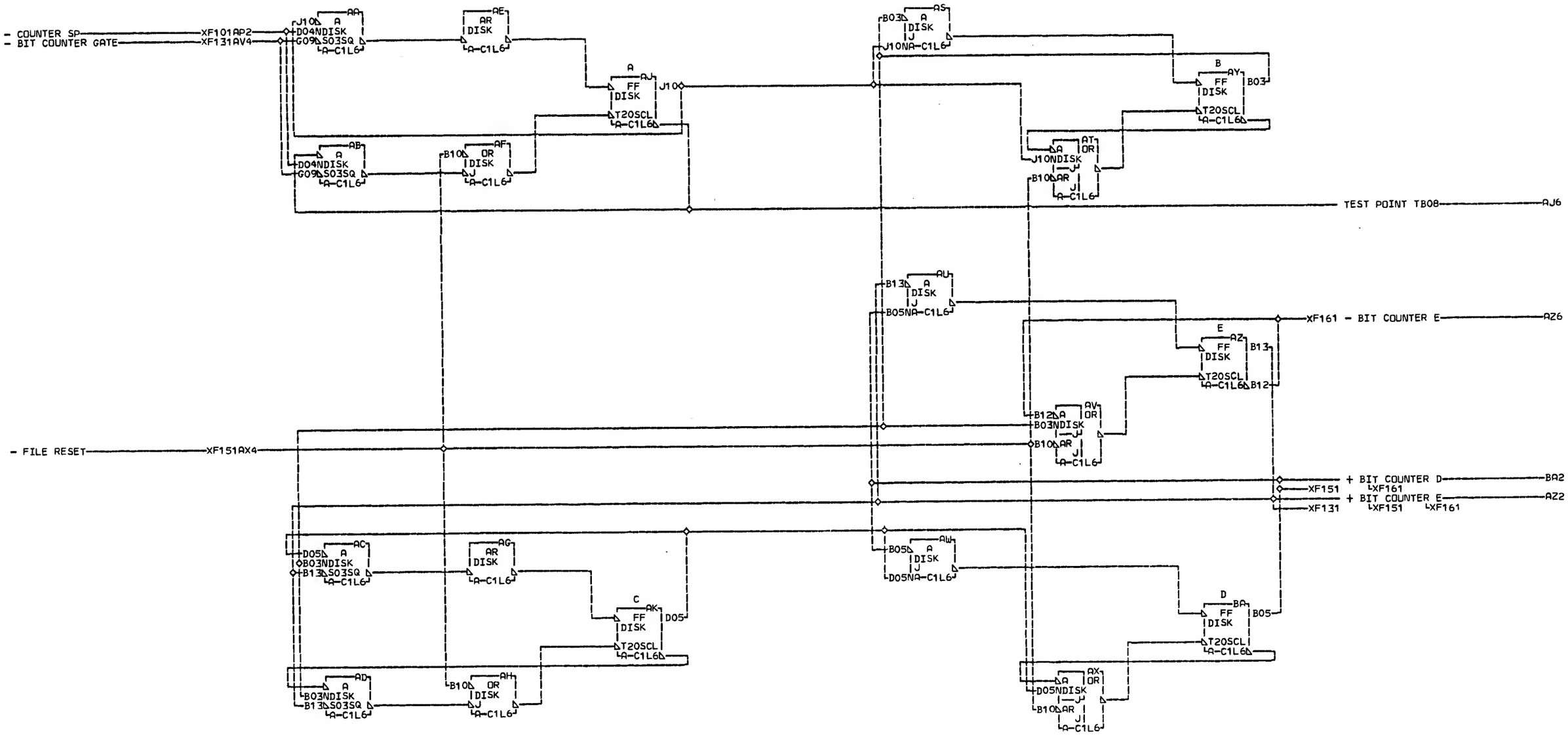


CC2 B-B1H1A11
01B-C1H1A11

LOC. TYPE
B-B1H6 3796

FILE CORE ADDRESS REGISTER BITS 1-8		
—E.C.—HISTORY—	MACH.1131-B	XF231
419631		
419644	FRAME 01	
419644A		
419648	IBM CORP. GPD	000
DATE LAST EC		
06-23-67 419664	P.N. 2231417	

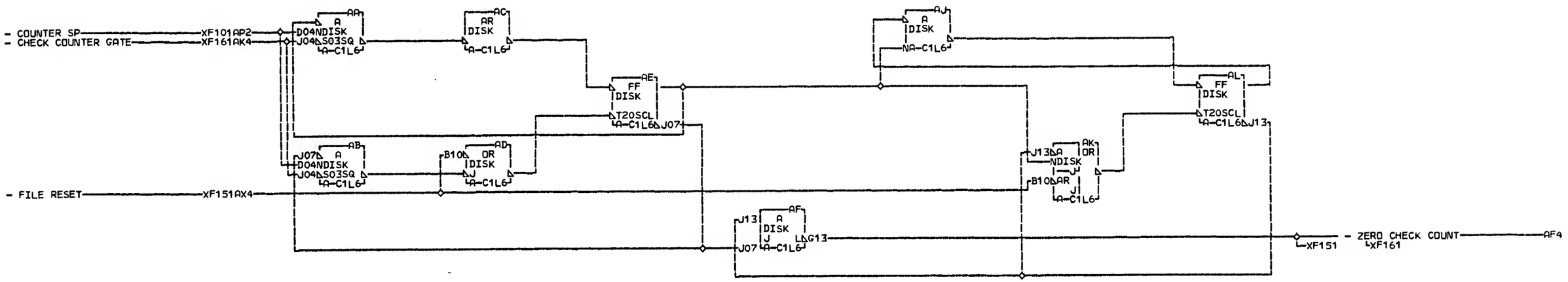
XF231
000

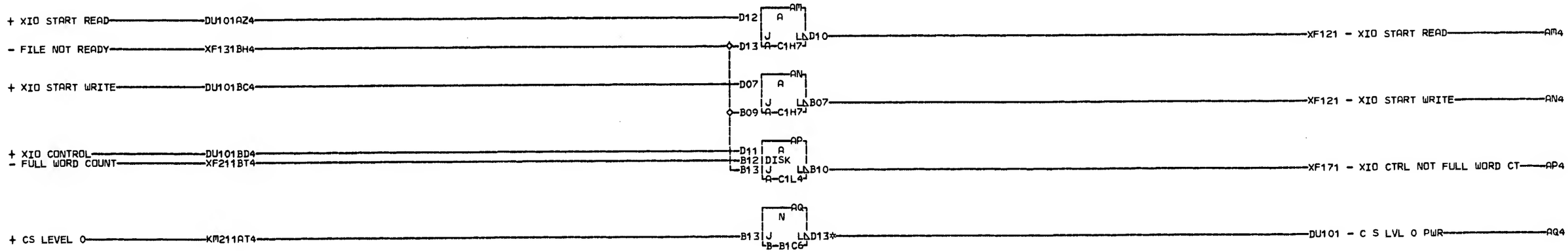


LOC• TYPE
A-C1L6 6219

FILE BIT COUNTER		
E•C•HISTORY	MACH•1131-B	XF241
	FRAME 01	
	IBM CORP• GPD	
DATE LAST EC	P•N• 2231418	000
09-02-66 419631		

XF241
000





AQ4 B-B1N5B12
01A-C1N2B12

LOC.	TYPE
A-C1H7	0000
A-C1L4	0000
A-C1L6	6219
B-B1C6	3686

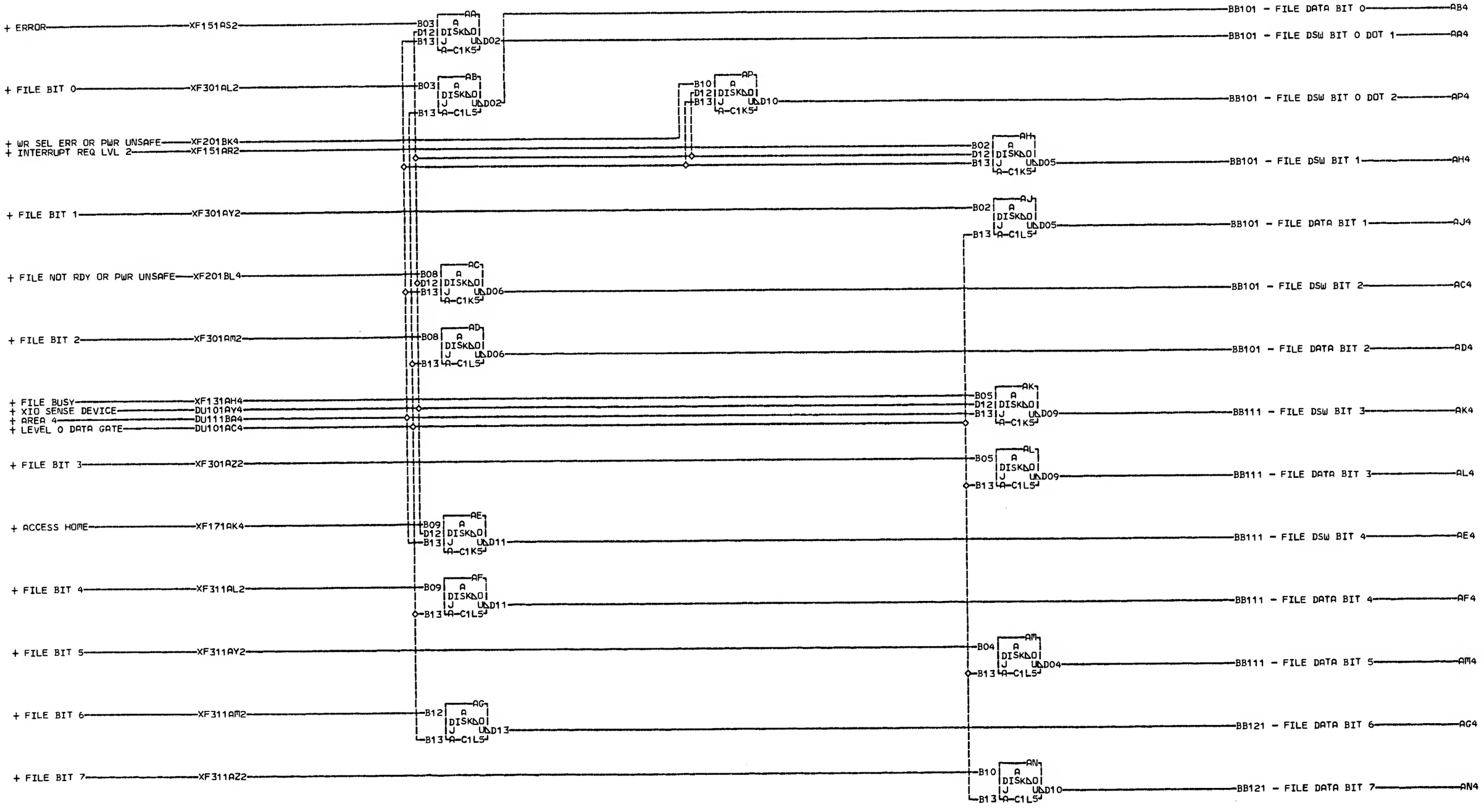
FILE CHECK COUNTER
XIO INVERTERS

E.C. HISTORY | MACH. 1131-B | FRAME 01 | IBM CORP. GPD

DATE LAST EC
09-02-66 419631

P.N. 2231227

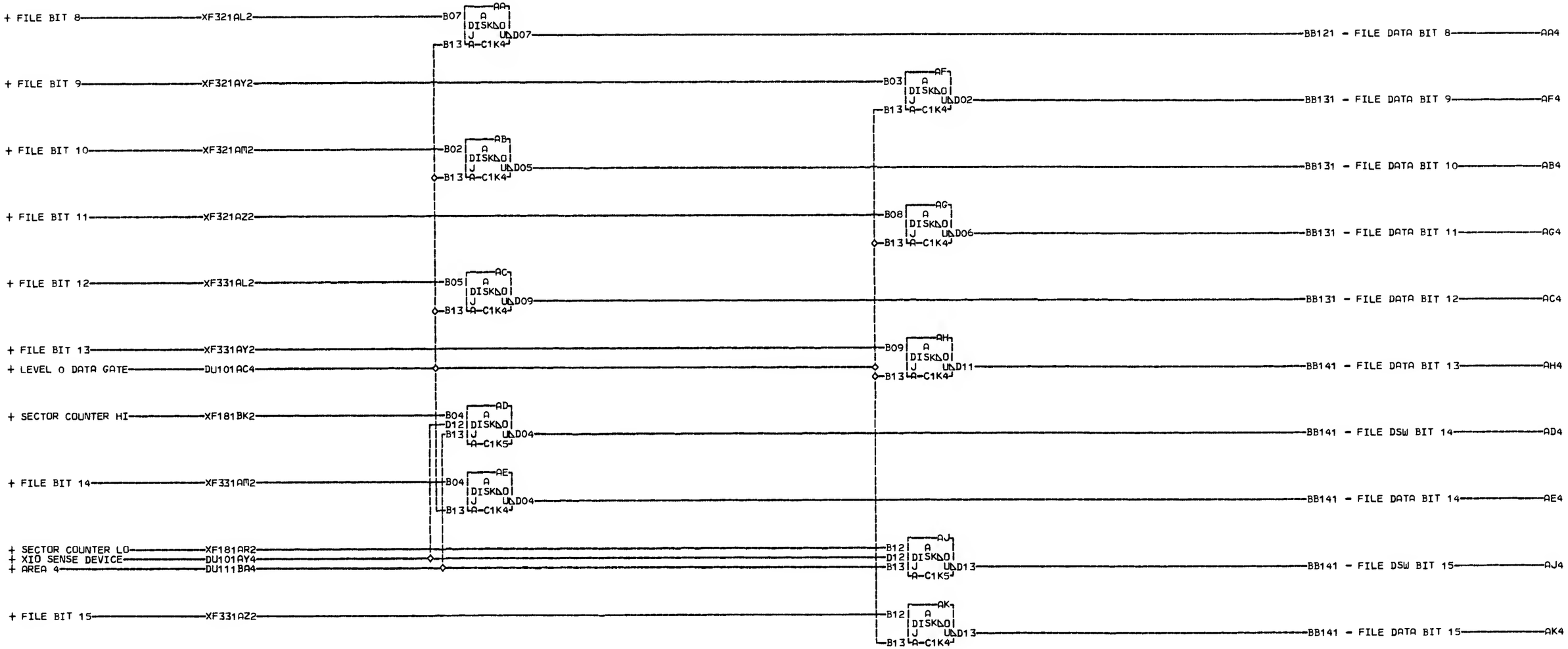
XF251 000



LOC. TYPE
A-C1K5 3028
A-C1L5 3028

FILE INPUT BUSS ASSEMBLY BITS 0-7	
E.C.-HISTORY 419631	MACH.1131-B
	FRAME 01
DATE LAST EC 03-10-67 419648	IBM CORP. GPD
	P.No. 2231419

X F 2 6 1 000

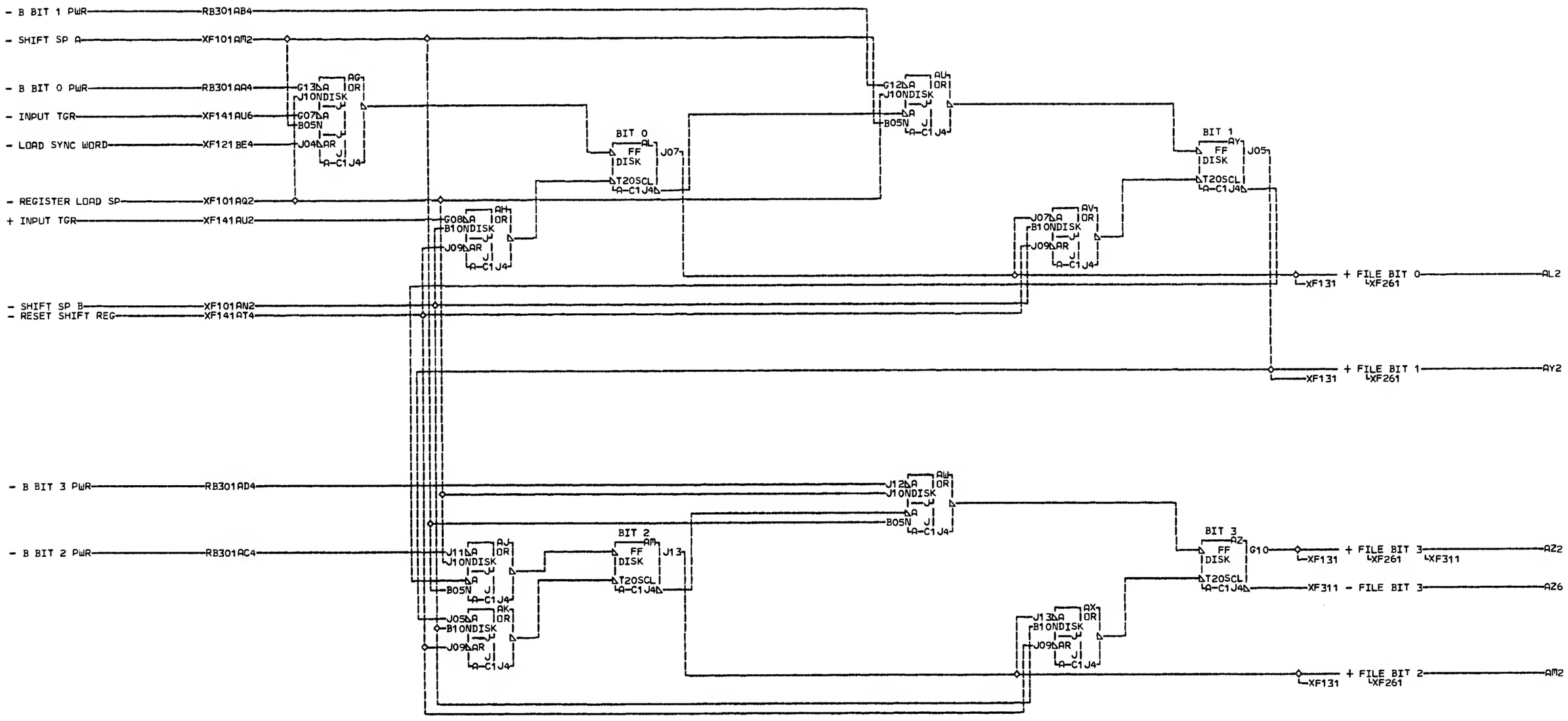


LOC. TYPE
A-C1K4 3028
A-C1K5 3028

FILE INPUT BUSS ASSEMBLY BITS 8-15		X
E.C.-HISTORY	MACH.1131-B	F
		2
	FRAME 01	7
		1
	IBM CORP. GPD	
DATE LAST EC		000
09-02-66 419631	P.N. 2231420	

X
F
2
7
1

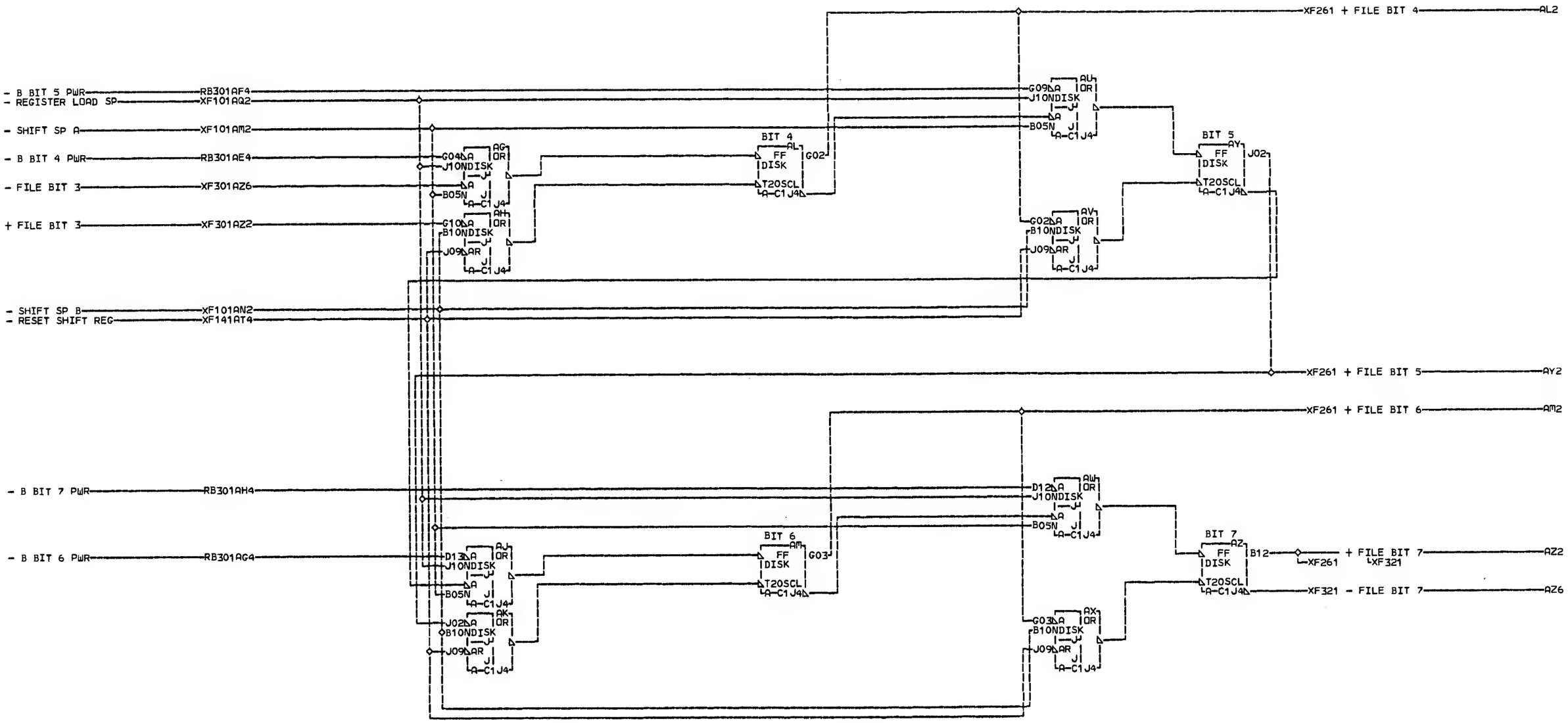
000



LOC. TYPE
A-C1J4 4628

FILE DATA REGISTER BITS 0-3		
-E.C.-HISTORY-	MACH.1131-B	XF301
	FRAME 01	
	IBM CORP. GPD	000
DATE LAST EC 09-02-66 419631	P.N. 2231421	

XF301
000

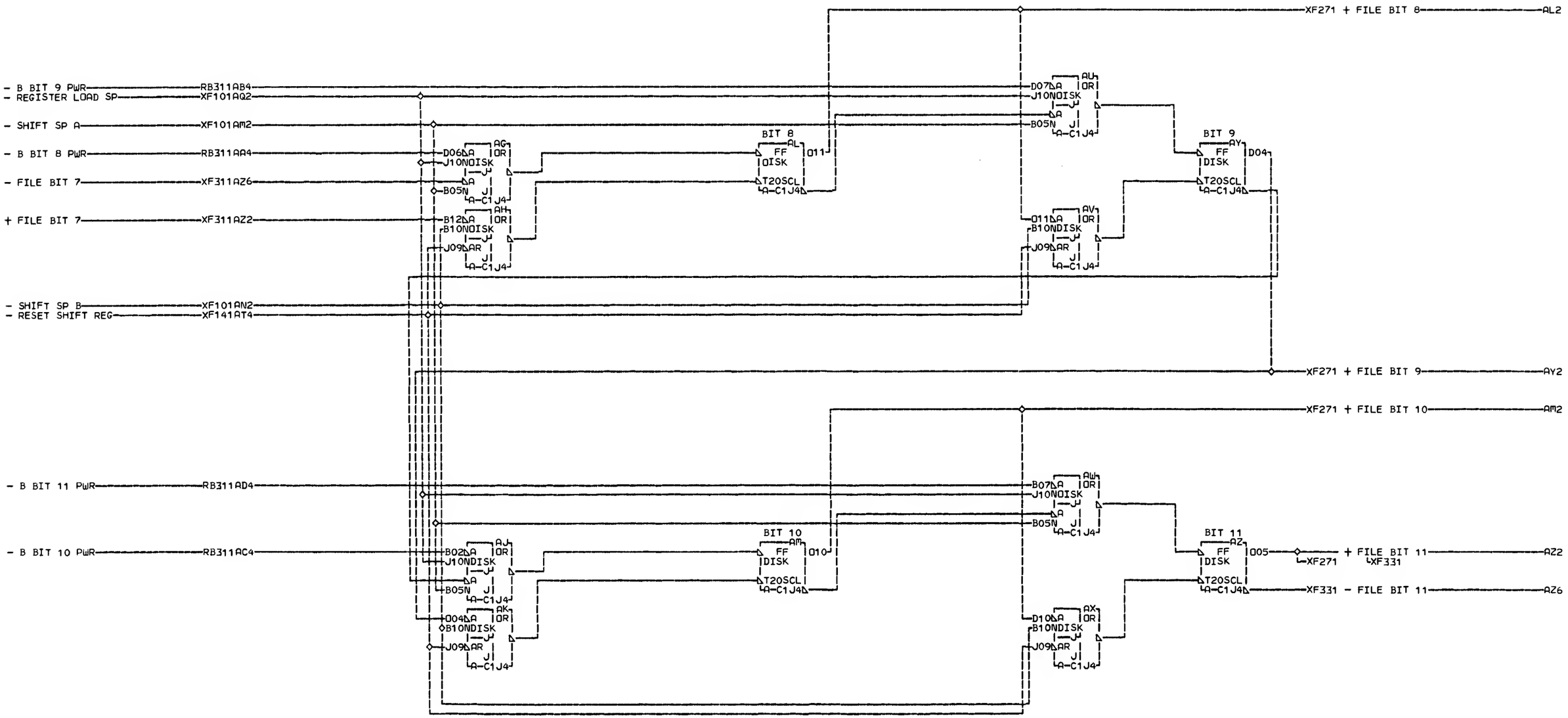


LOC. TYPE
A-C1 J4 4628

FILE DATA REGISTER BITS 4-7		
-E.C.-HISTORY-	MACH.1131-B	
	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC	P.N. 2231422	
09-02-66 419631		

XF1131 000

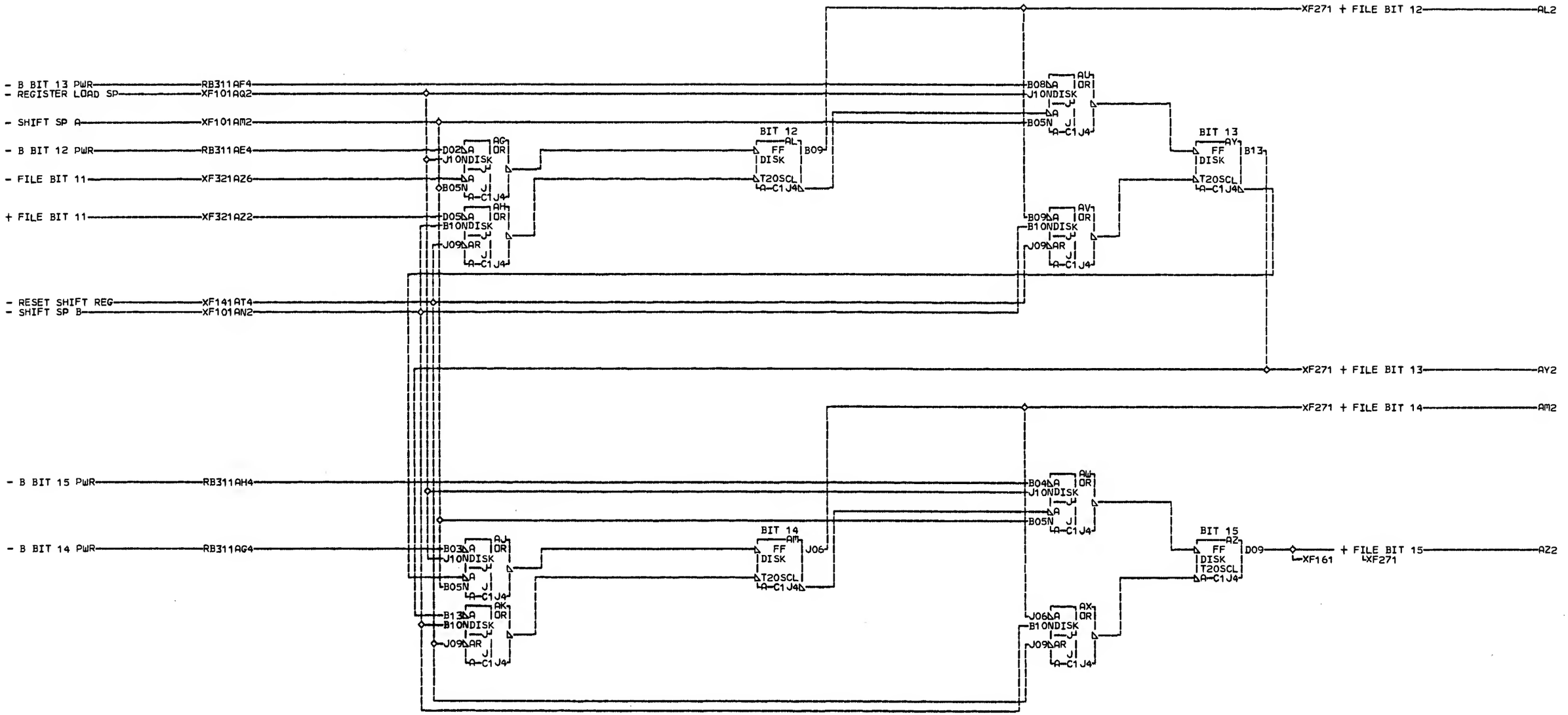
XF1131 000



LOC. TYPE
A-C1J4 4628

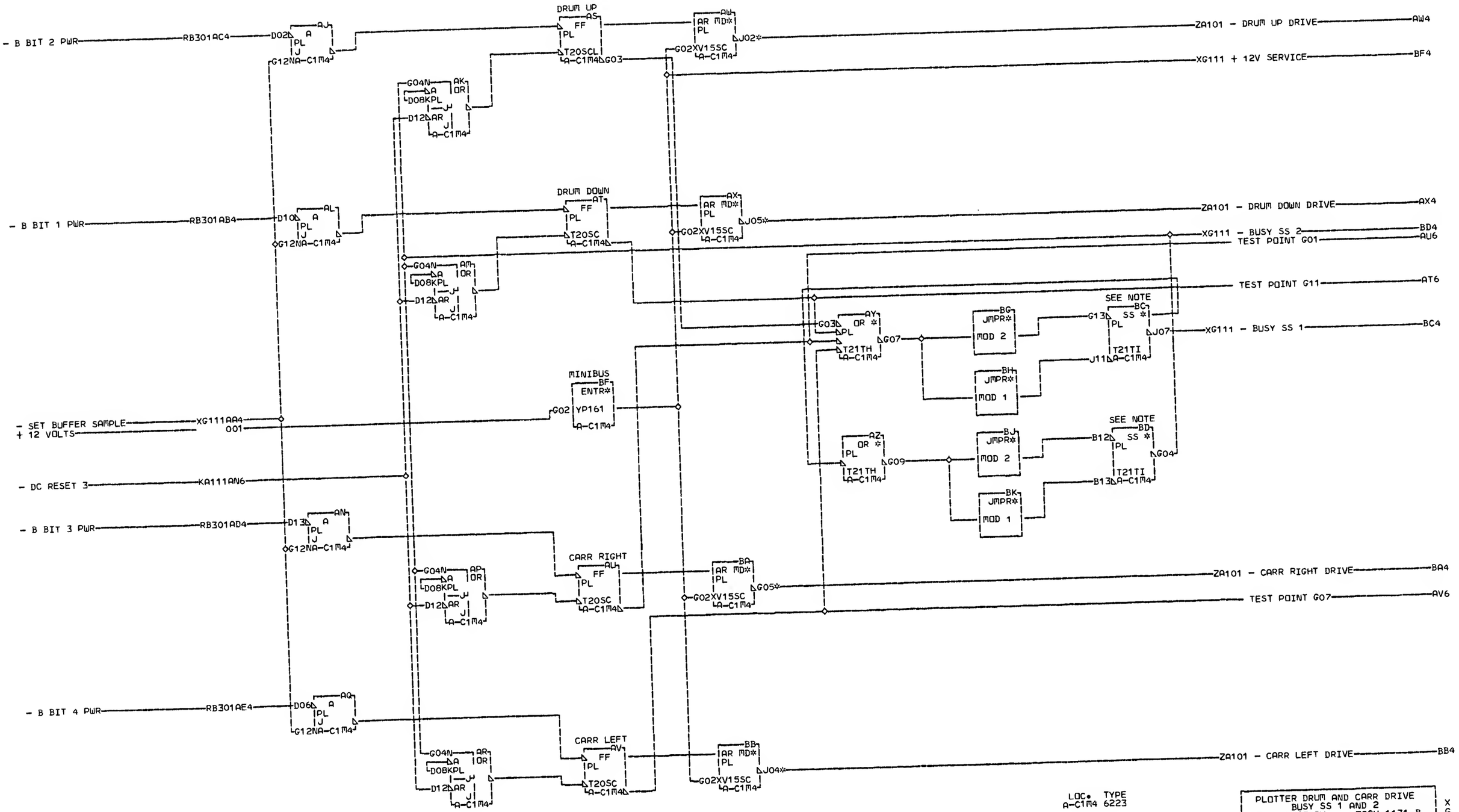
FILE DATA REGISTER
BITS 8-11
—E.C.—HISTORY— MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231423

XF321
000



LOC. TYPE
A-C1J4 4628

XF331 000	FILE DATA REGISTER BITS 12-15	XF331 000
	E.C. HISTORY / MACH.1131-B	
	FRAME 01	
	IBM CORP. GPD	
DATE LAST EC 09-02-66 419631	P.N. 2231424	



NOTE. FOR 1627 MOD I
SS TIME IS 1.9 MS

FOR 1627 MOD II
SS TIME IS 2.9 MS

AW4 A-C1N5B02
AX4 A-C1N5D02
BA4 A-C1N5B03
BB4 A-C1N5D04

LOC. TYPE
A-C1M4 6223

PLOTTER DRUM AND CARR DRIVE
BUSY SS 1 AND 2
E.C.-HISTORY | MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC 09-02-66 419631
P.N. 2231425

XG101 000

- B BIT 5 PWR — RB301AF4 — B02 A PL J G12NA-C1M4 (AK)
- BUSY SS 1 — XG101BC4
- BUSY SS 2 — XG101BD4
- B BIT 0 PWR — RB301AA4 — B03 A PL J G12NA-C1M4 (AM)
+ 12V SERVICE — XG101BF4
- DC RESET 3 — KA111AN6
+ XIO WRITE — DU101BE4 — J12
+ T6 PWR 2 — XC141AB4 — J13
J10 J A-C1M4 LA G12 (AA)
+ XIO SENSE DEVICE — DU101AY4 — D11 PL J A-C1M4 (AF)
+ AREA 5 — DU111BB4 — J10 J A-C1M4 UA B10 (AF)
NOT USED — 002 — J06 Z PL KB08 — G02XS40UN A-C1M4 (BE)
B08 D07 PL J10 J A-C1M4 (AG)
UA B05 (AG)
- IO BIT 0 — BB101AA4
- 24 V READY — 001 — ENTR* ZA101 (BD)
G08 D07 PL J10 J A-C1M4 (AH)
UA B04 (AH)
+ XIO SENSE RESET 15 — DU111AM4
D09 D07 PL J10 J A-C1M4 (AJ)
UA B07 (AJ)

G10N A DO8KPL D12 AR J A-C1M4 (AL OR)
PEN UP FF PL T20SC A-C1M4 (AP)
AR MD* PL G02XV15SC A-C1M4 (AT)
D05* — ZA101 - PEN UP DRIVE — AT4
50 MS SS * PL T21TI A-C1M4 (AZ)
J09
OR * PL T21TH A-C1M4 (AU)
OR * PL T21TH A-C1M4 (AV)
50 MS SS * PL T21TI A-C1M4 (BA)
G10
J09 G10 PL J07 J L G04 A-C1M4 (BC OR)
G08
G10N A DO8KPL D12 AR J A-C1M4 (AN OR)
PEN DOWN FF PL T20SC A-C1M4 (AQ)
AR MD* PL G02XV15SC A-C1M4 (AW)
D04* — ZA101 - PEN DOWN DRIVE — AW4
TEST POINT G09 — AP6
TEST POINT G10 — AQ6
XG101 - SET BUFFER SAMPLE — AA4
BB141 - PLOTTER DSW BIT 15 — AG4
BB101 - PLOTTER DSW BIT 0 — AF4
A D08KPL G08NJ A-C1M4 (AX)
B10 A B07NPL D12 AR J A-C1M4 (AY OR)
RESPONSE FF PL T20SCL A-C1M4 (BB)
B09 — FA171 — PLOTTER RESP — FA191 — BB6
BB141 - PLOTTER DSW BIT 14 — AH4

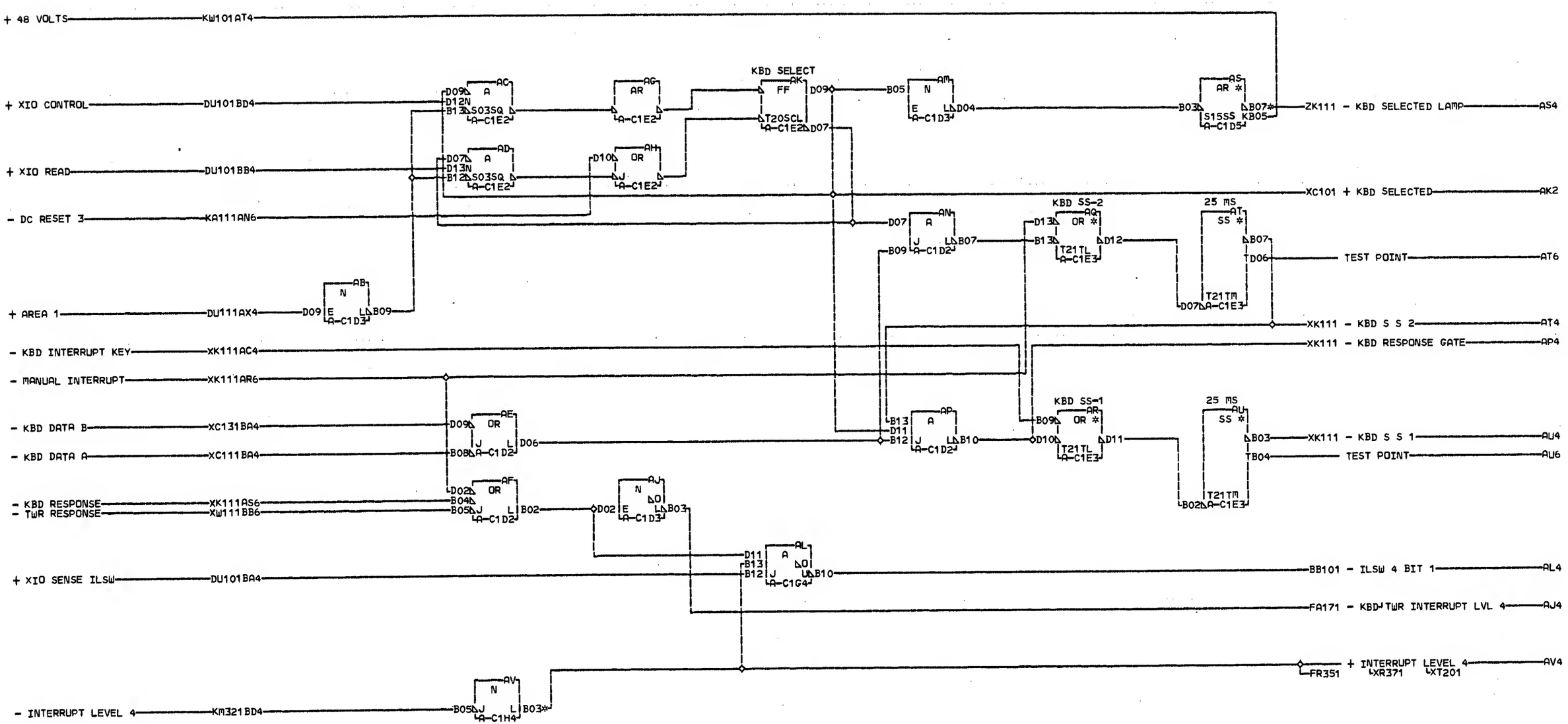
AT4 A-C1N5B04
AW4 A-C1N5D05
BD4 A-C1N5B10

LOC. TYPE
A-C1M4 6223

X G 1 1 1 000

PLOTTER PEN DRIVE-RESPONSE
BUSY SS 3 AND 4-READY
-E.C.-HISTORY- MACH.1131-B
FRAME 01
IBM CORP. GPD
DATE LAST EC
09-02-66 419631
P.N. 2231235

X G 1 1 1 000



NOTE. SINGLE SHOT ADJUSTMENT POTS ARE SITUATED AS FOLLOWS
K KBD SS-1 - UPPER POT
1 KBD SS-2 - LOWER POT

012
SIM TO PN 2231236 EC 419668

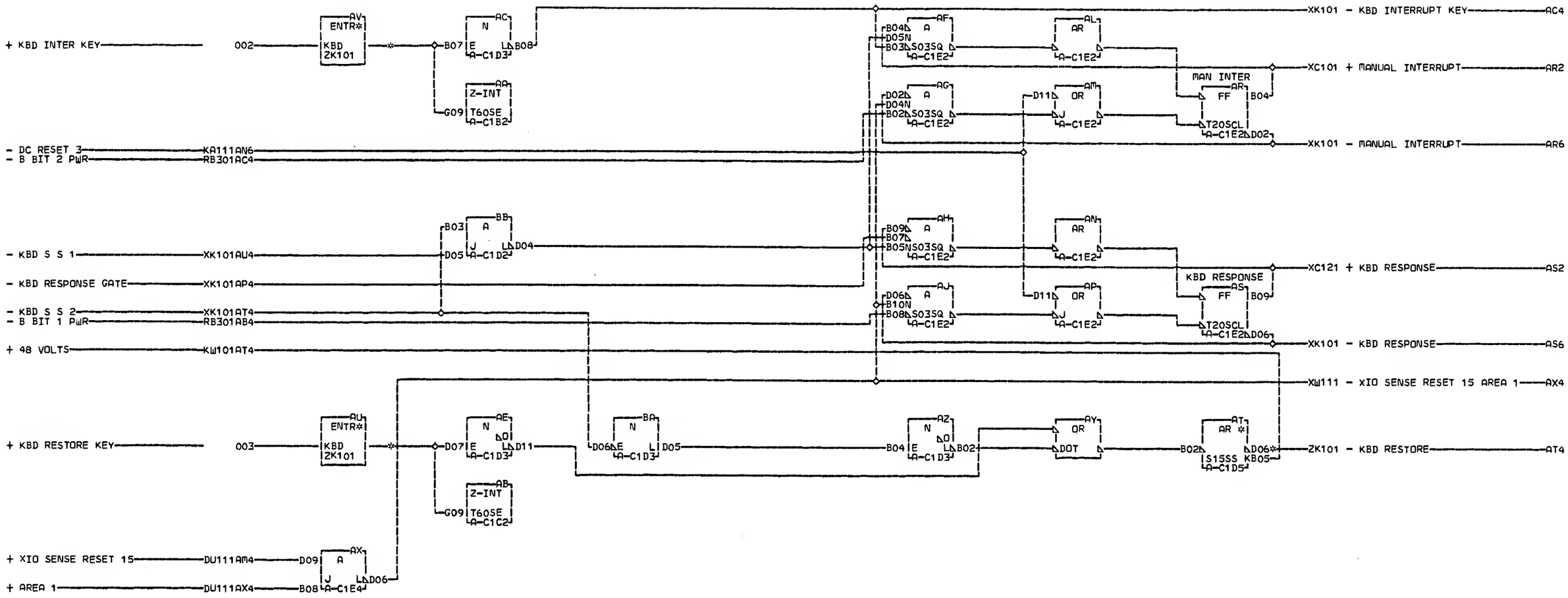
AS4	A-C1A5D10
AV4	A-C1A7B03
	01A-B1N7B03
	01A-C1E8D04
	01A-A1E8D04

LOC.	TYPE
A-C1D2	0000
A-C1D3	0509
A-C1D5	3819
A-C1E2	3794
A-C1E3	3816
A-C1G4	0236
A-C1H4	3421

KBD SELECT RESPONSE GATE
SS 1 SS 2 INT LVL 4
E.C.-HISTORY
5800000 419631
415709G 419626
419610 419664
5800000
DATE LAST EC
11-17-67 419668

MACH.1131-B
FRAME 01
IBM CORP. GPD
P.N. 2231499

XK101 012



X
K
1
1
1

000

AT4 A-C1A3D13
AU4 A-C1A3D12
AV4 A-C1A3B12

LOC.	TYPE
A-C1B2	4615
A-C1C2	4615
A-C1D2	0000
A-C1D3	0509
A-C1D5	3819
A-C1E2	3794
A-C1E4	0000

KBD RESTORE RESPONSE TGR
MANUAL INTERRUPT

E.C.-HISTORY
419631

MACH.1131-B
FRAME 01
IBM CORP. GPD

DATE LAST EC
11-11-66 419644

P.N. 2231426

X K 1 1 1 000